

FIG. 1

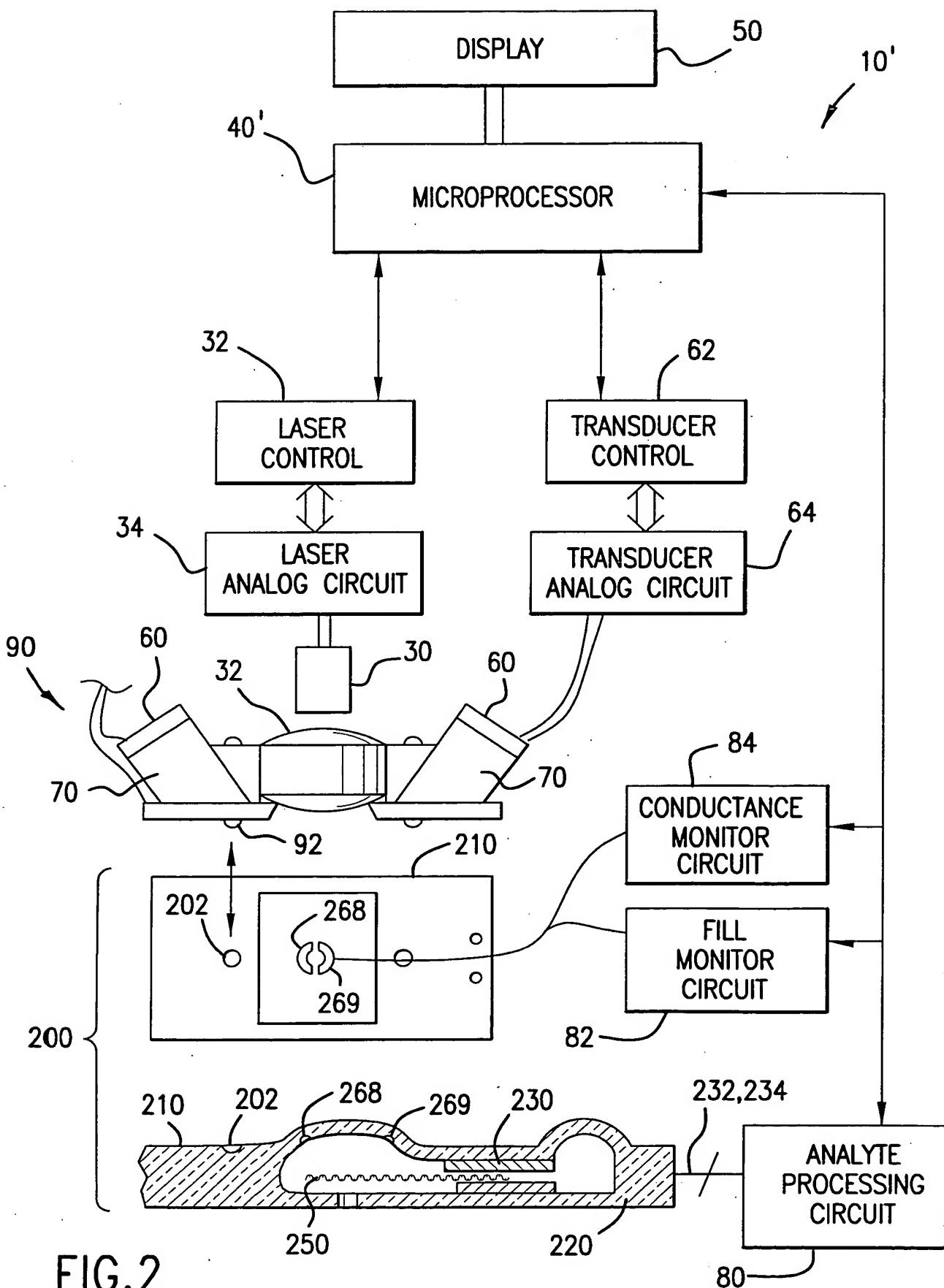


FIG.2

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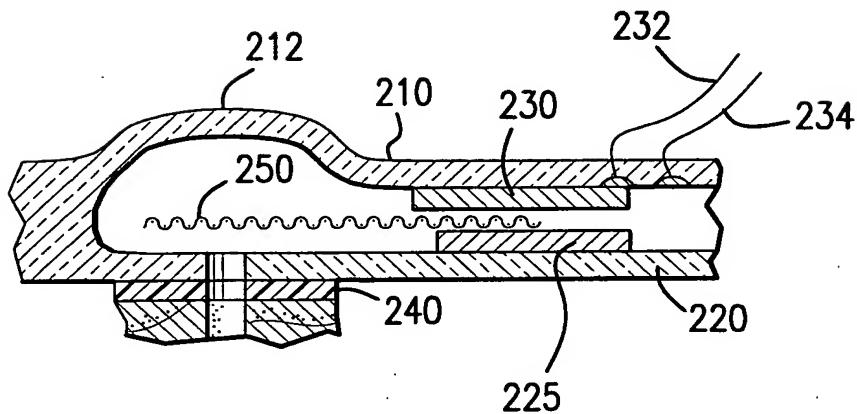


FIG.3

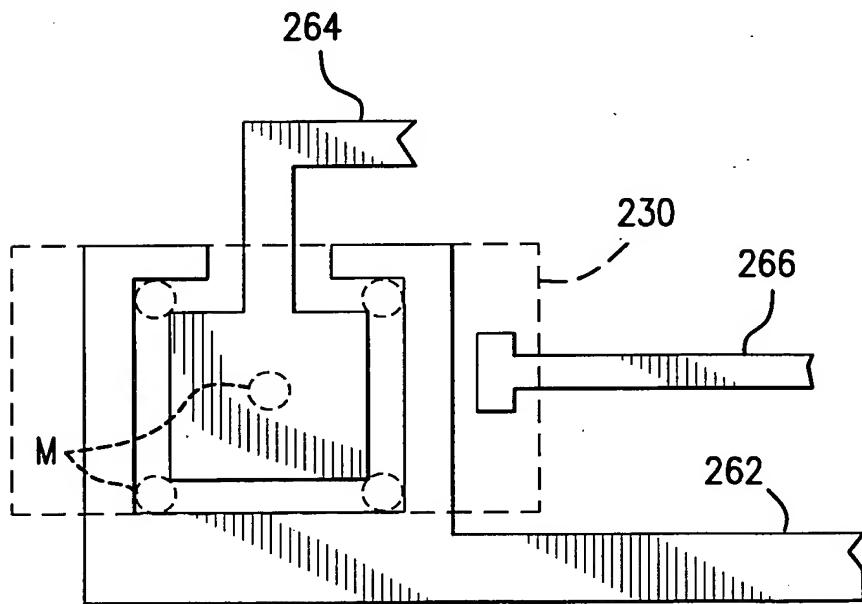


FIG.4

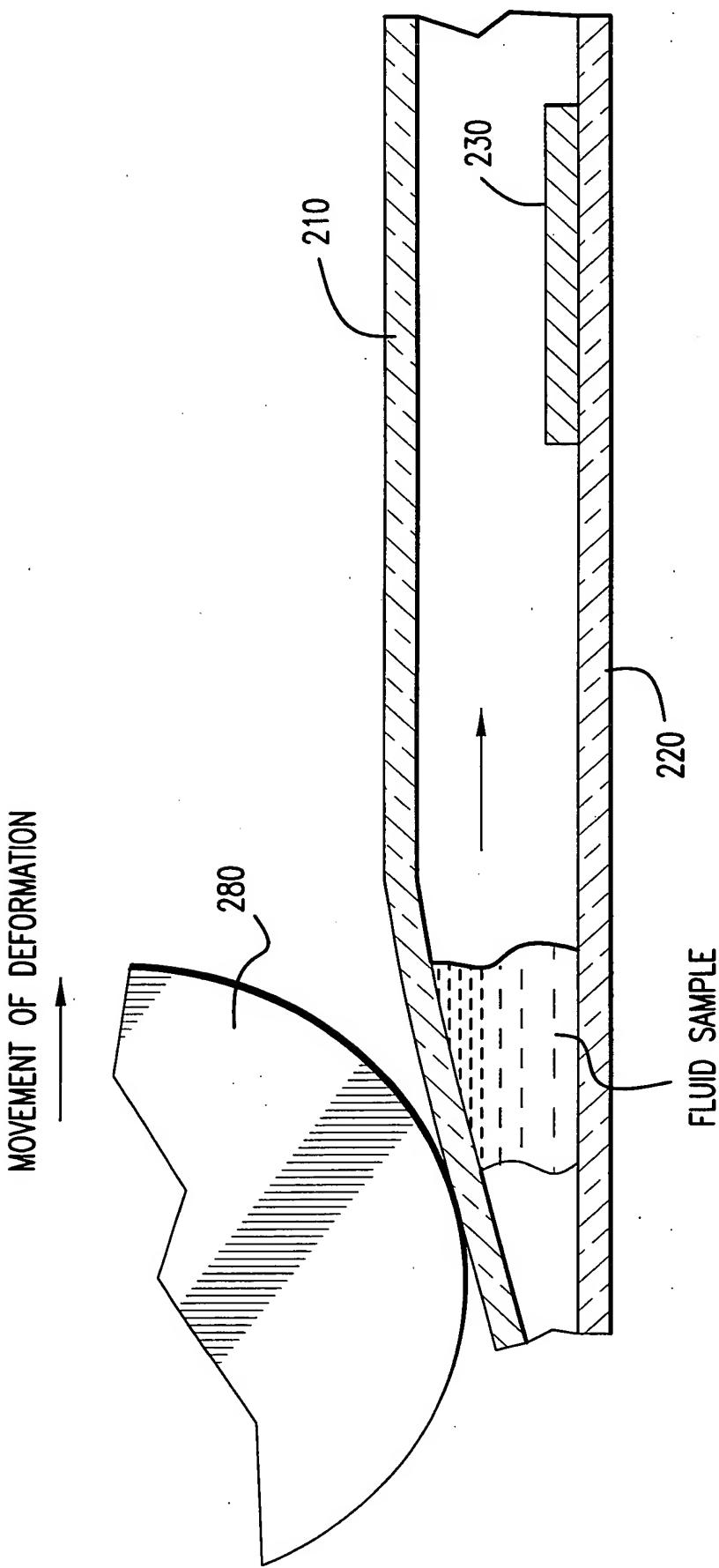


FIG.5

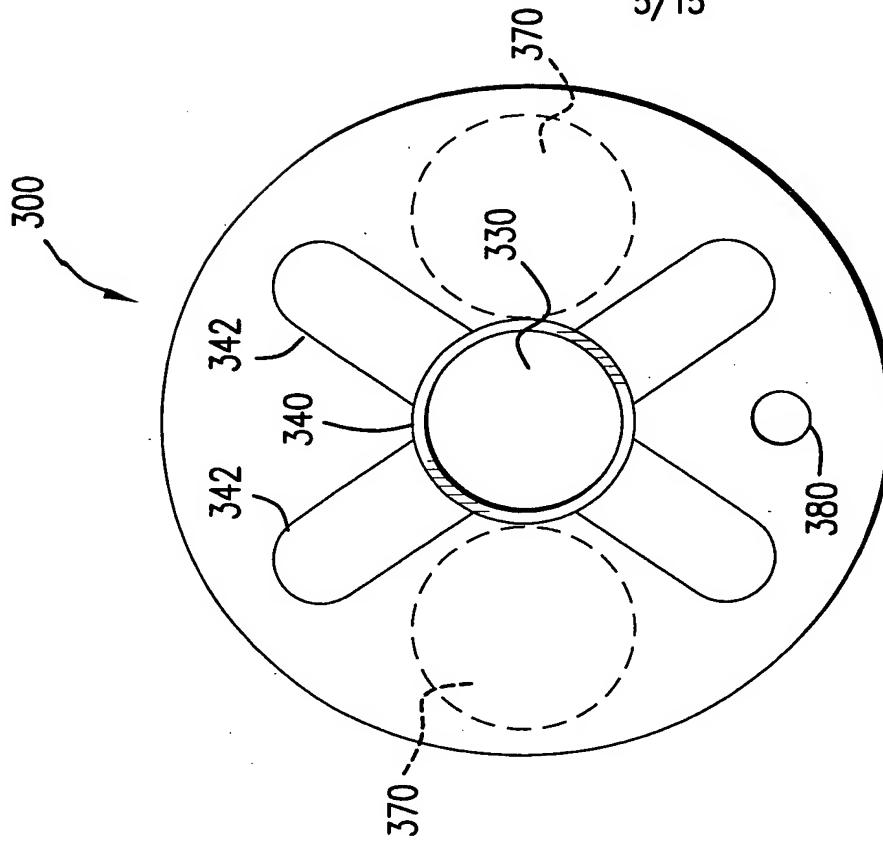


FIG. 7

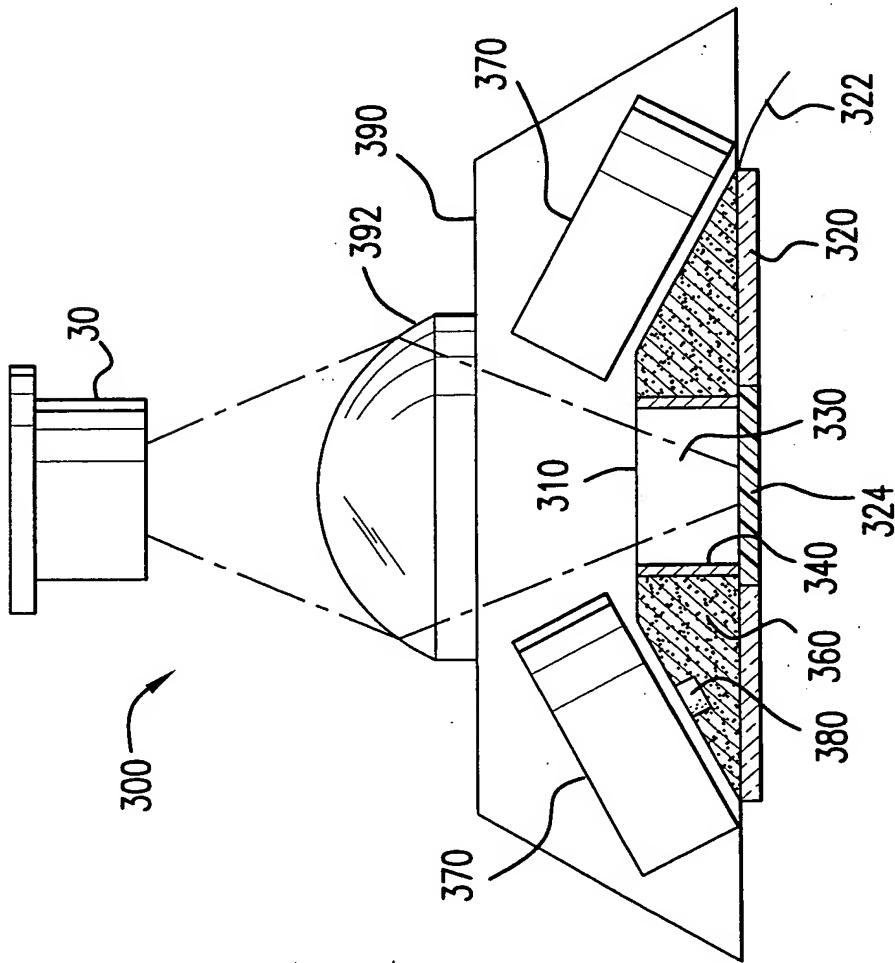


FIG. 6

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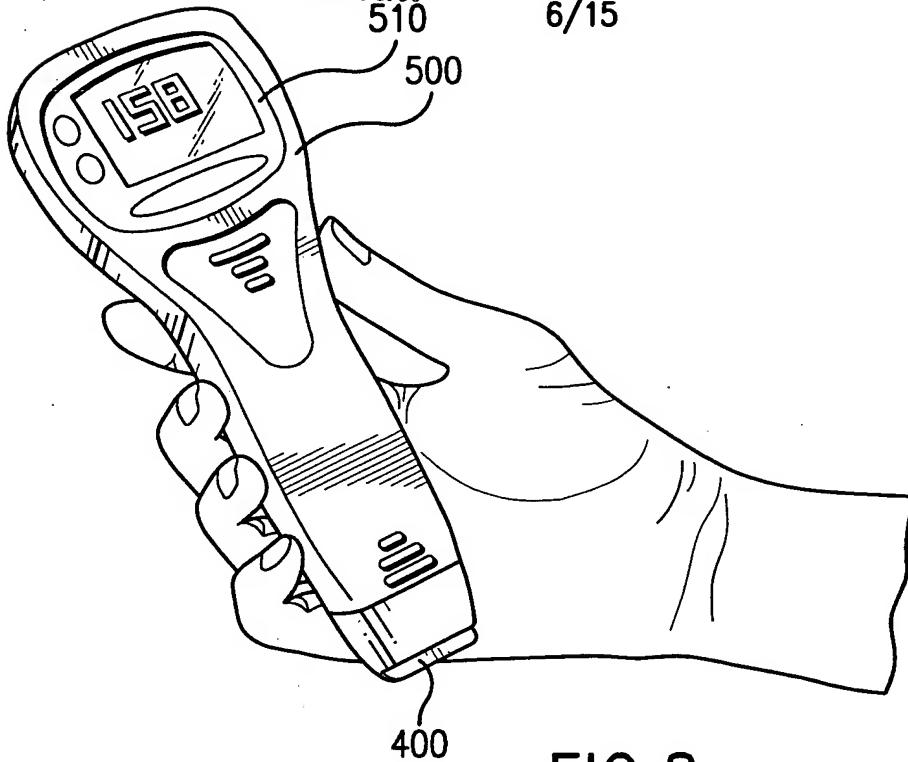


FIG. 8

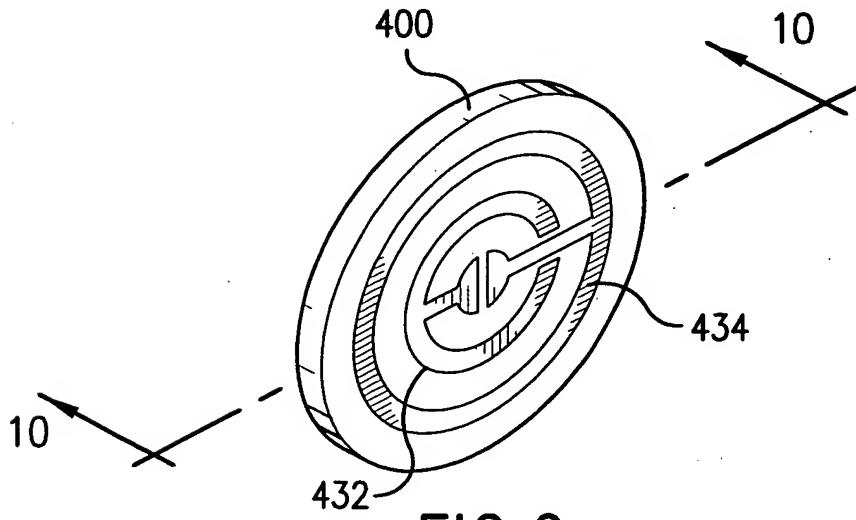


FIG. 9

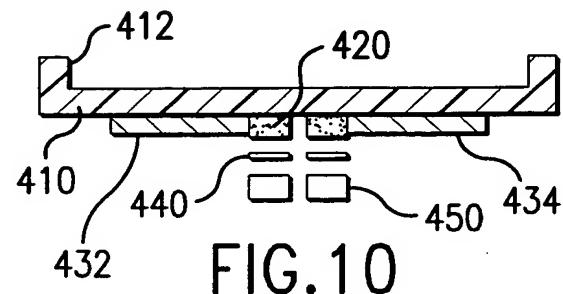


FIG. 10

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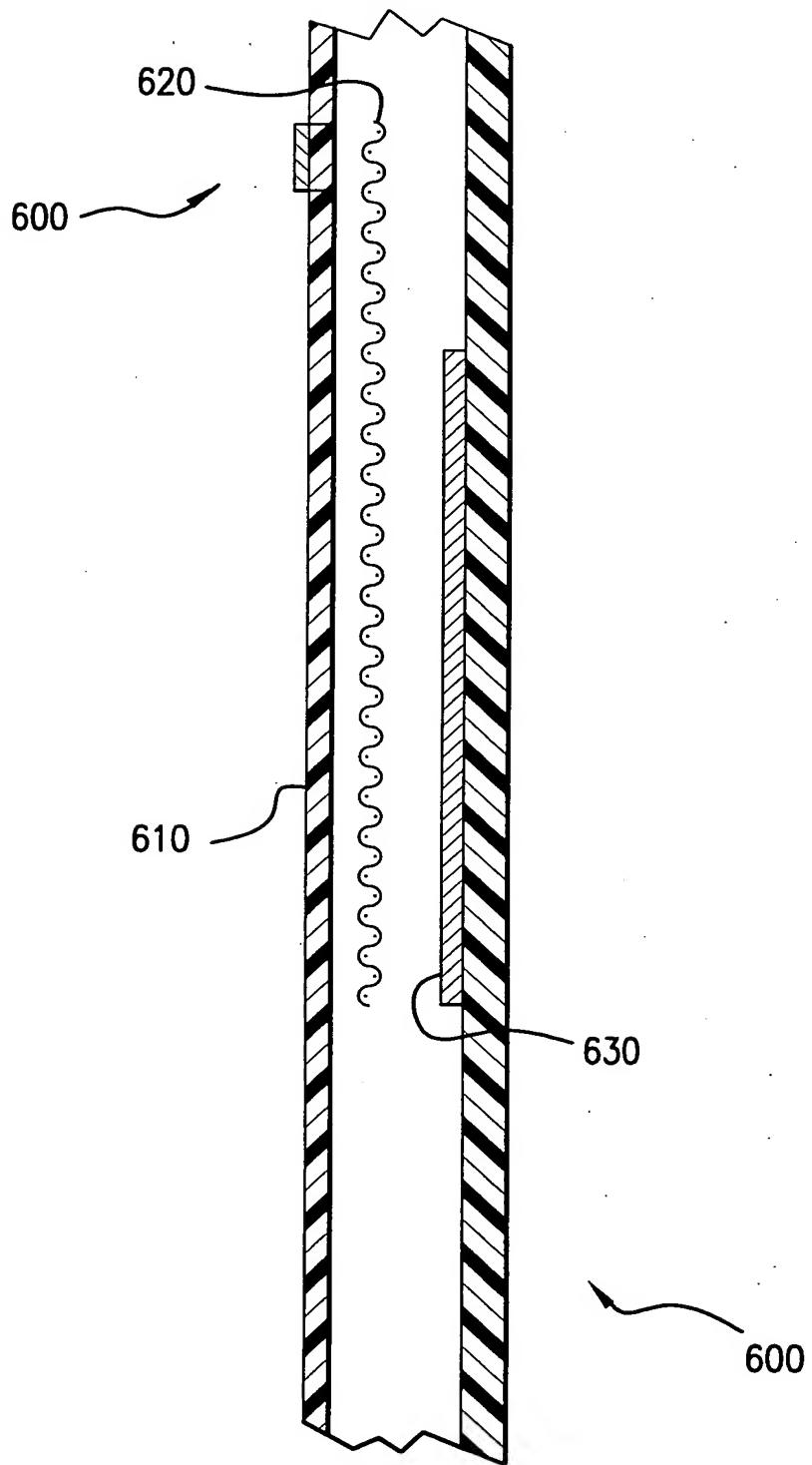


FIG.11

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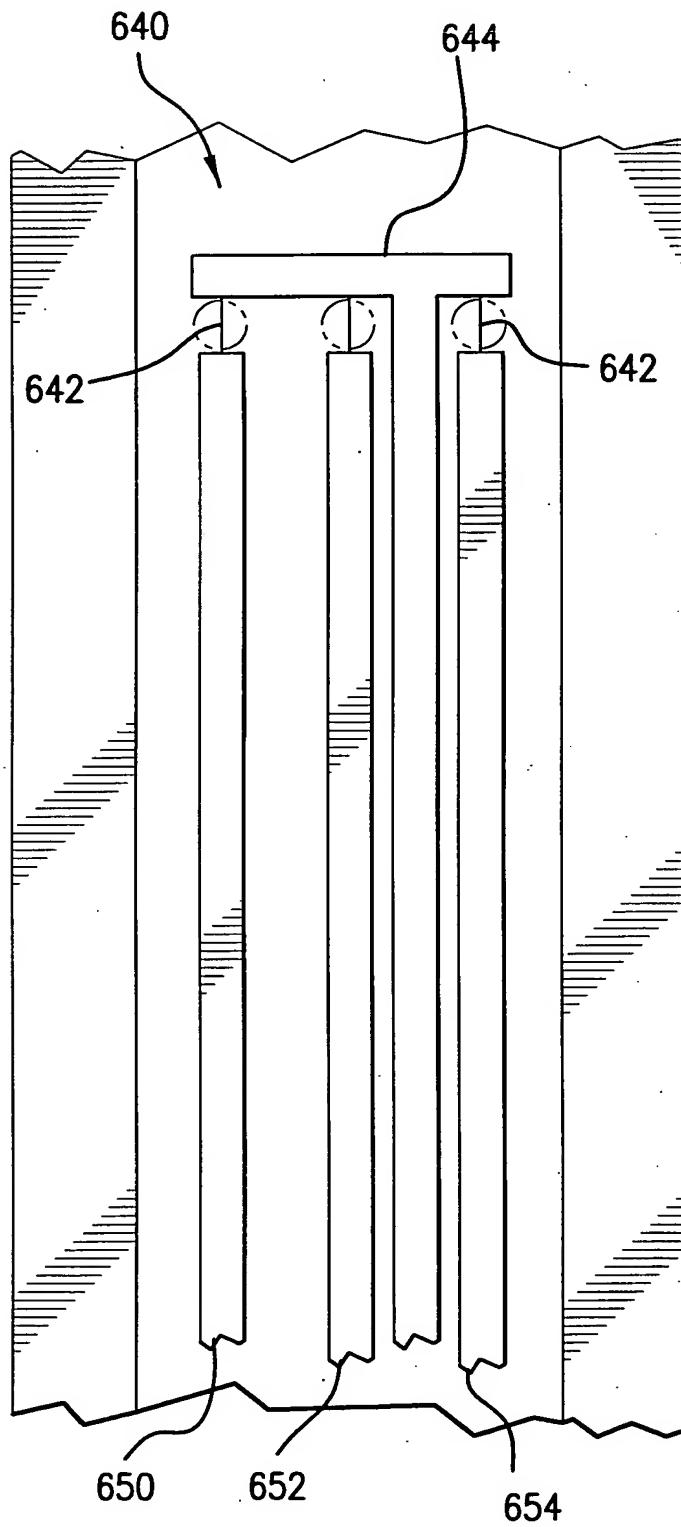


FIG.12

100,200,300,
400,600,1000

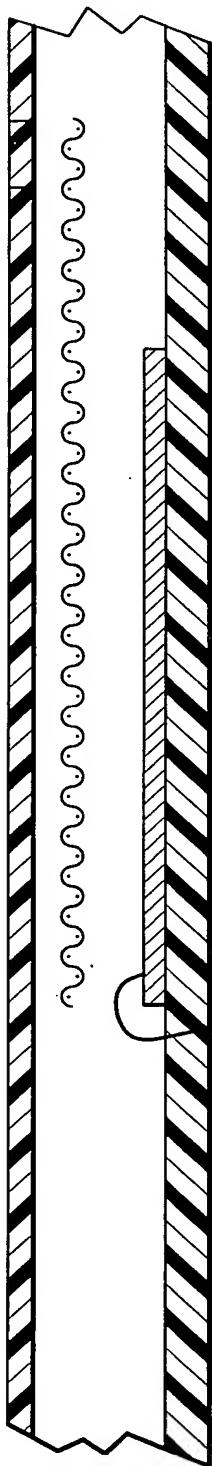
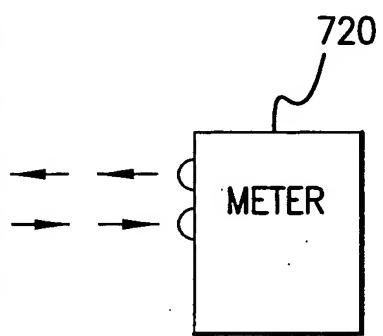


FIG. 13

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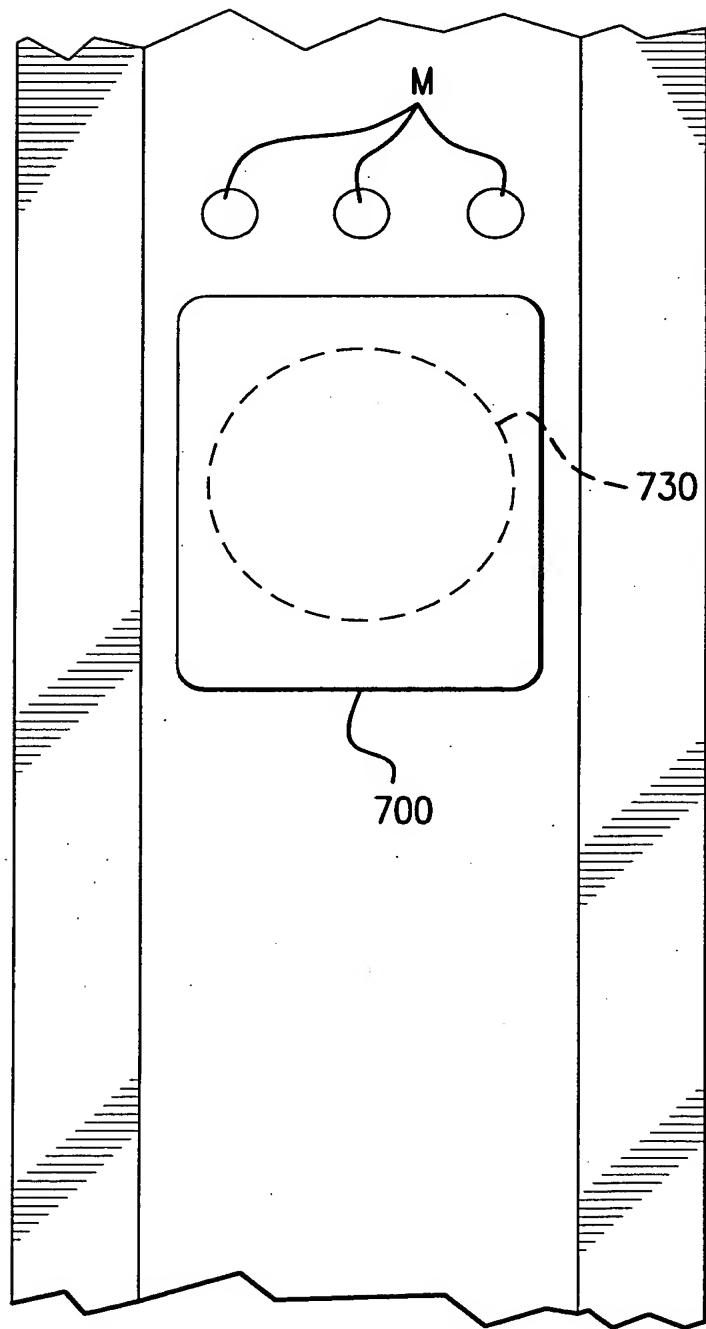


FIG.14

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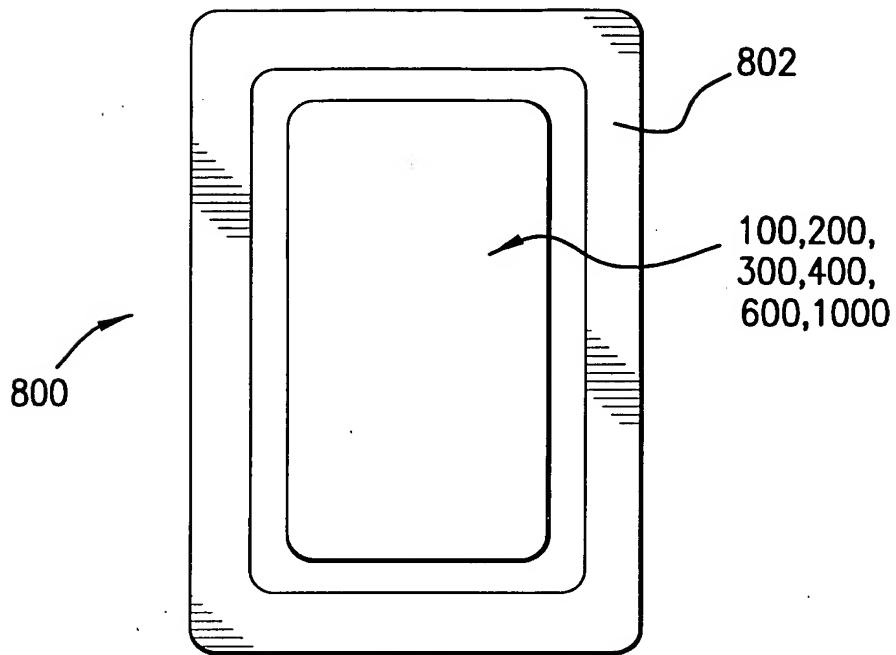


FIG.15

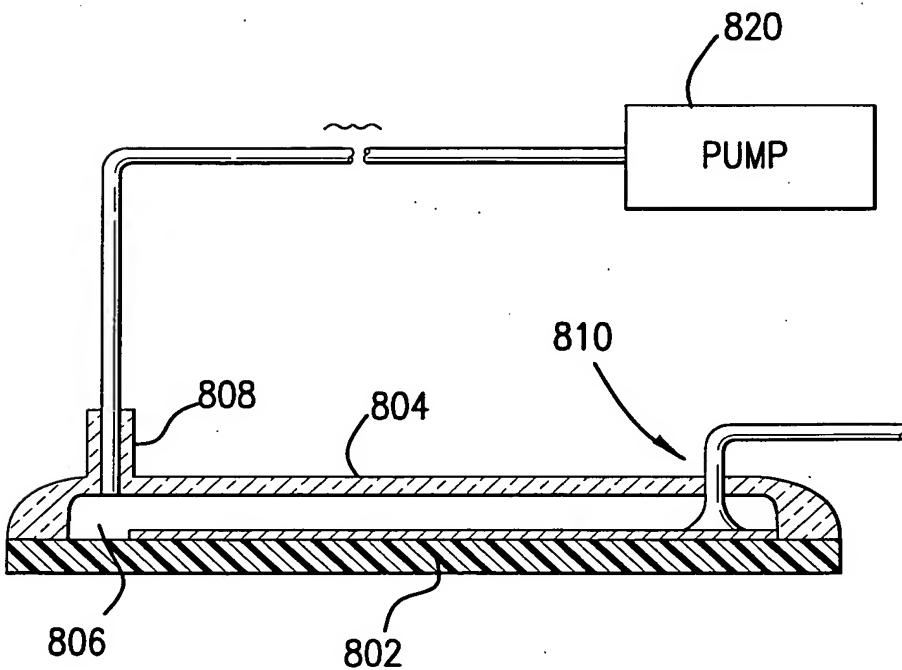


FIG.16

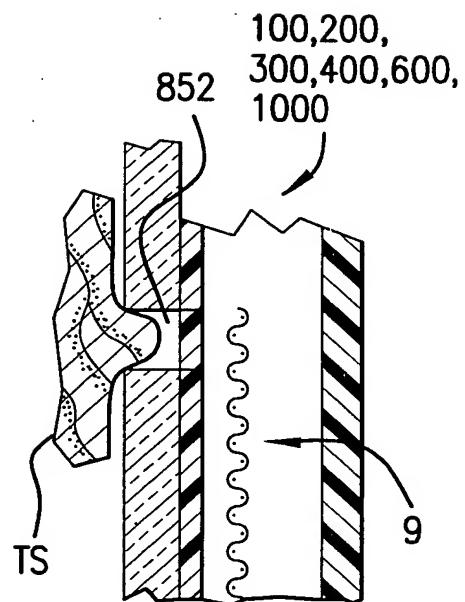
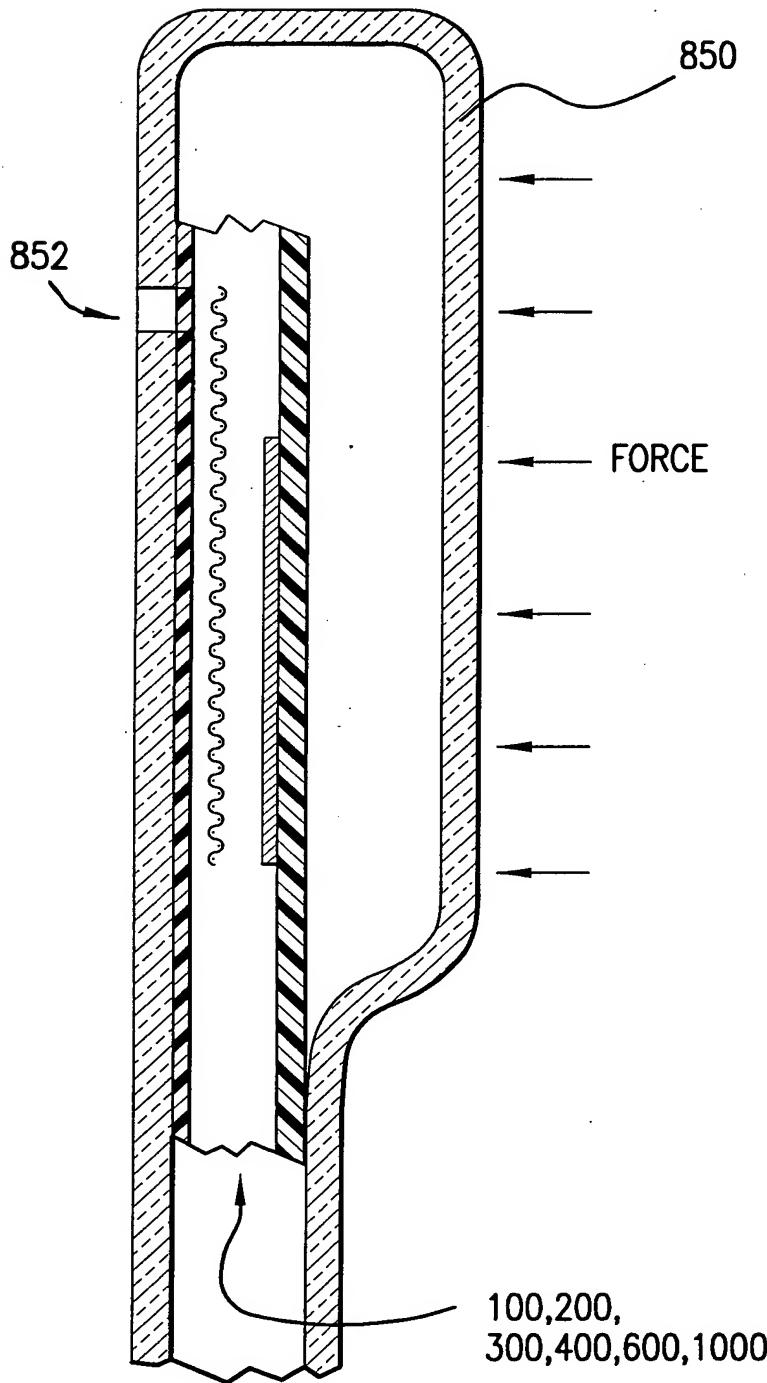


FIG.18

FIG.17

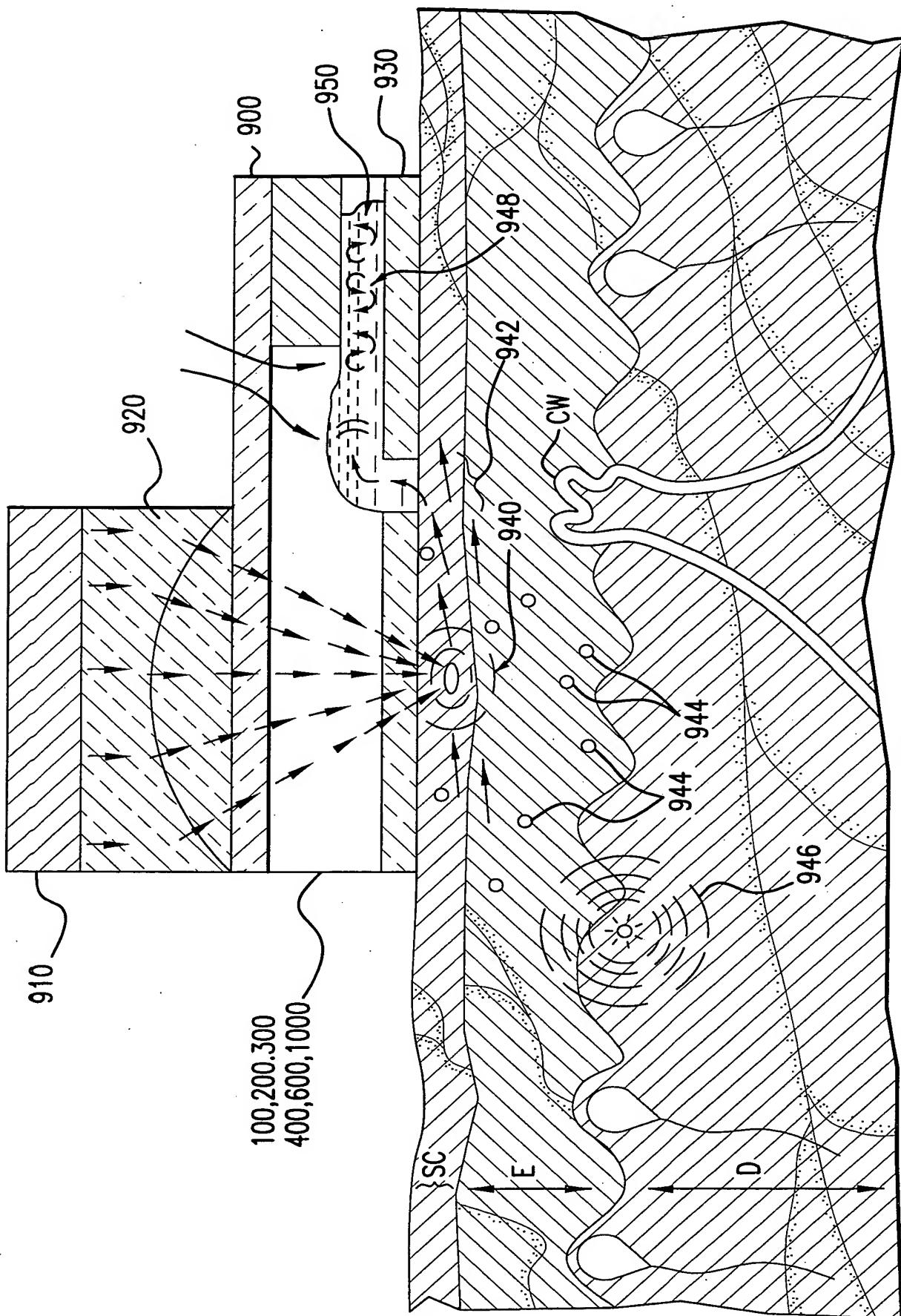


FIG. 19

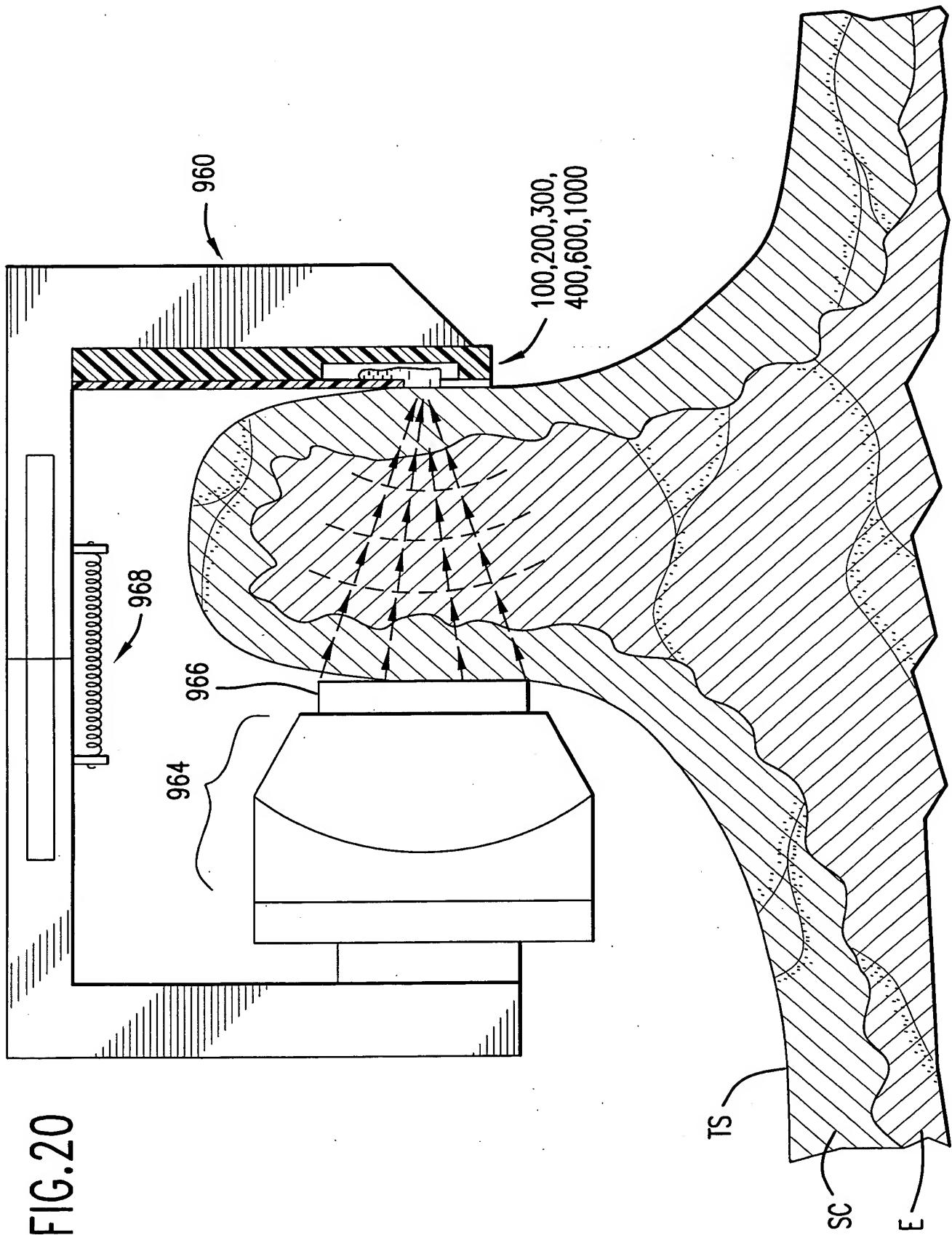


FIG. 20

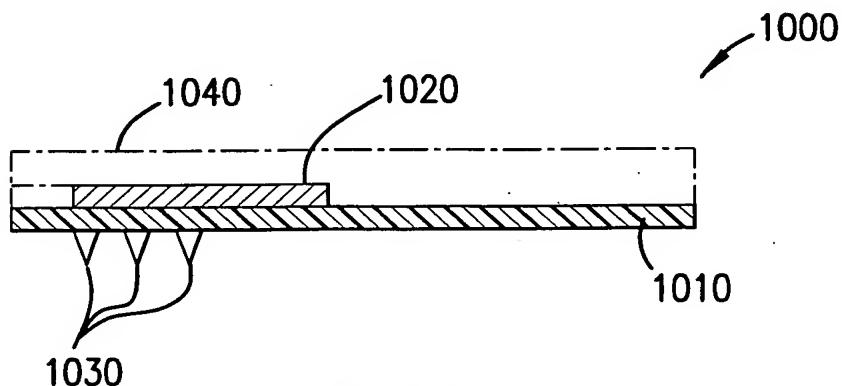


FIG.21

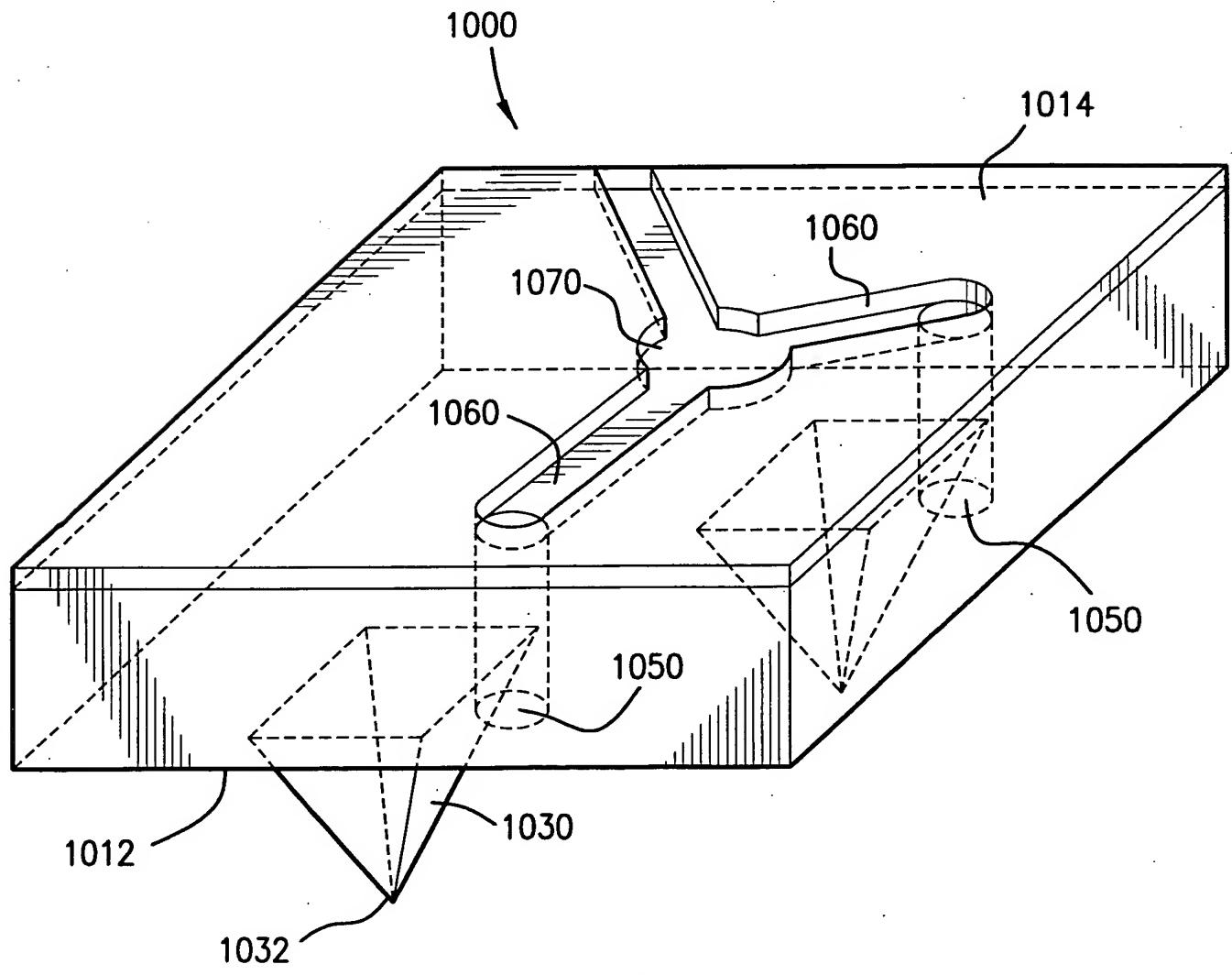


FIG.22

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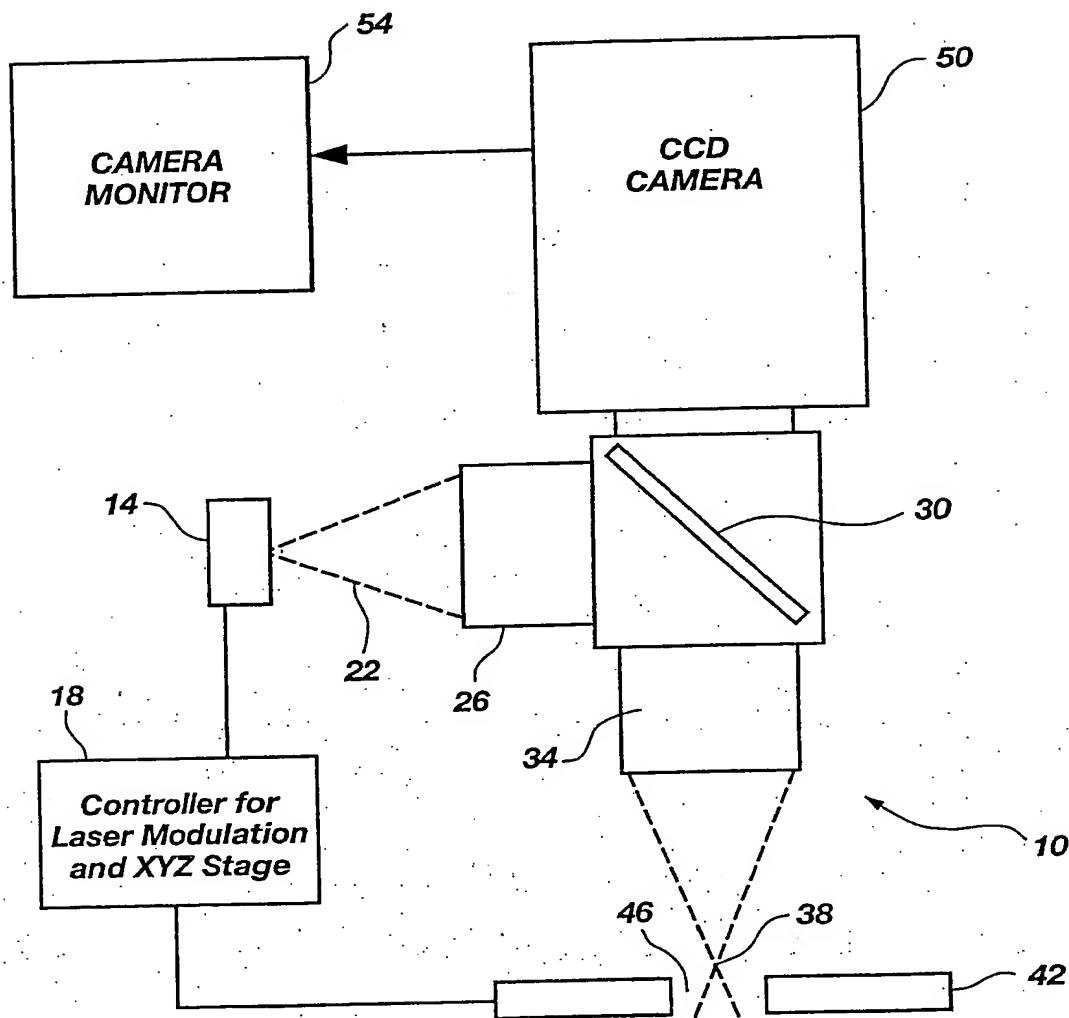


Fig. 23

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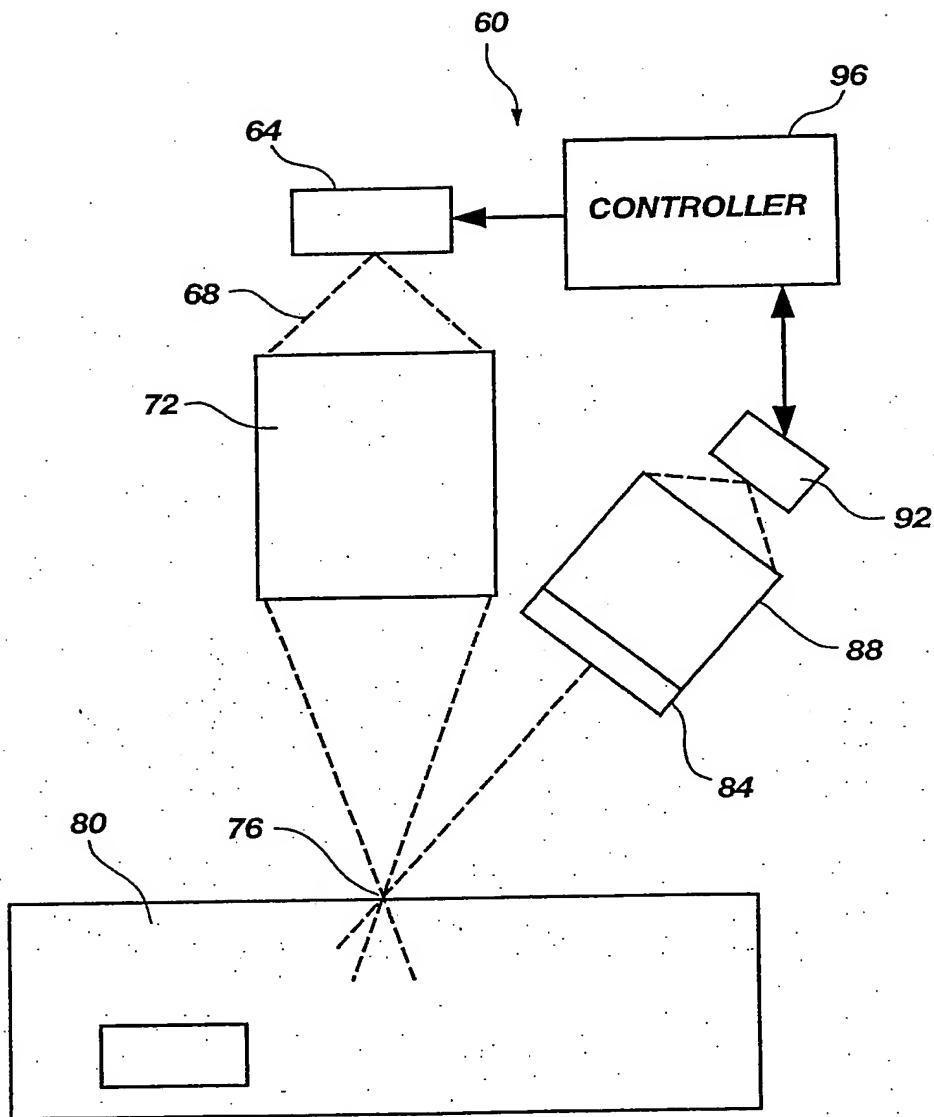


Fig. 24

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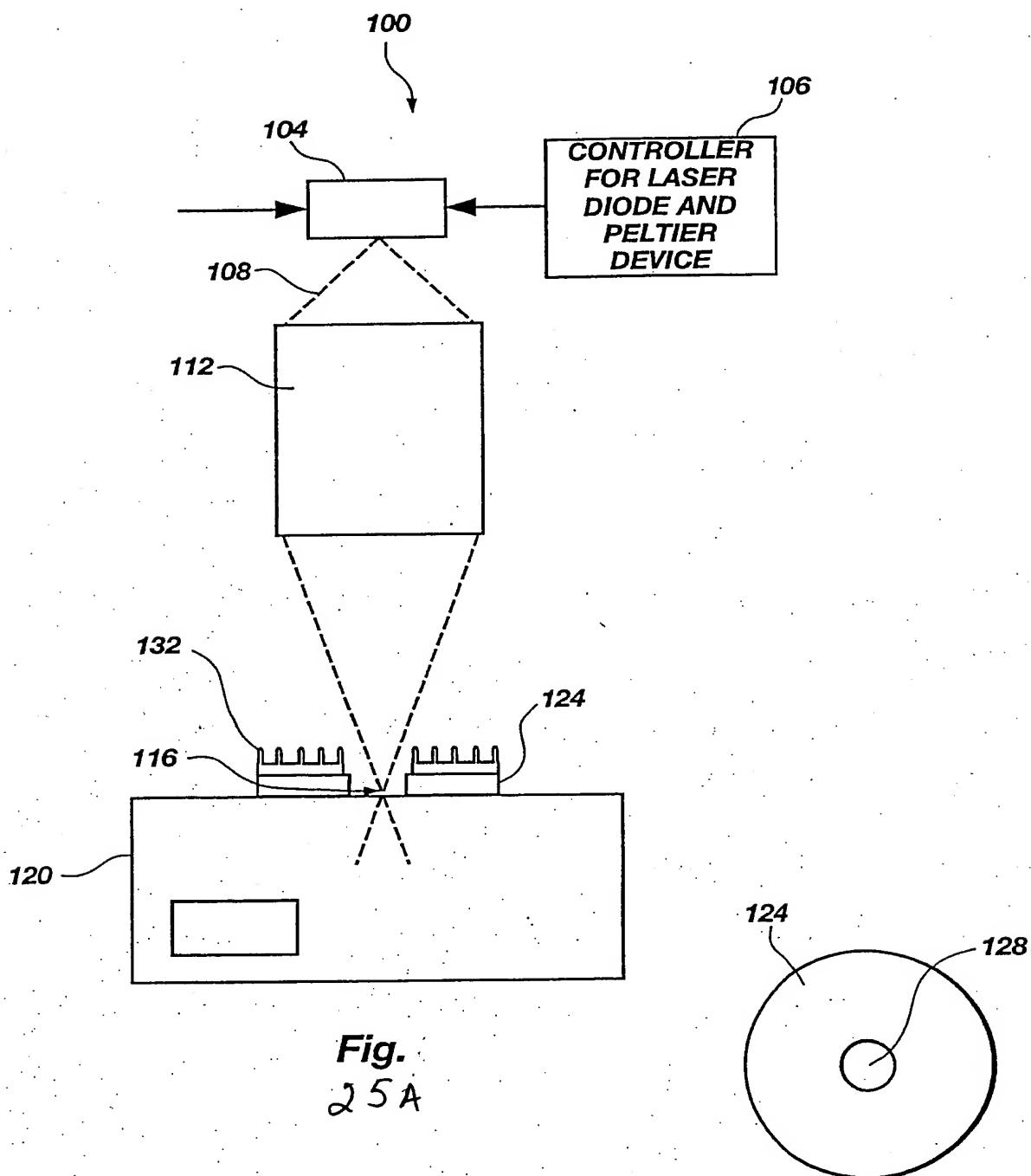


Fig.
25A

Fig.
25B

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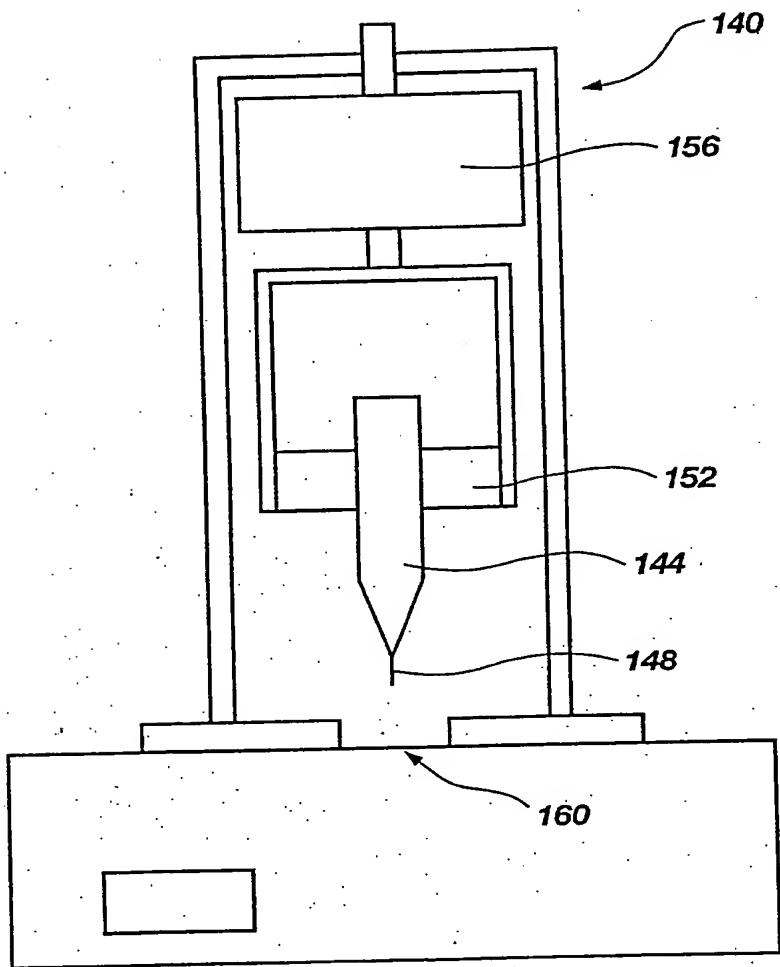


Fig. 26

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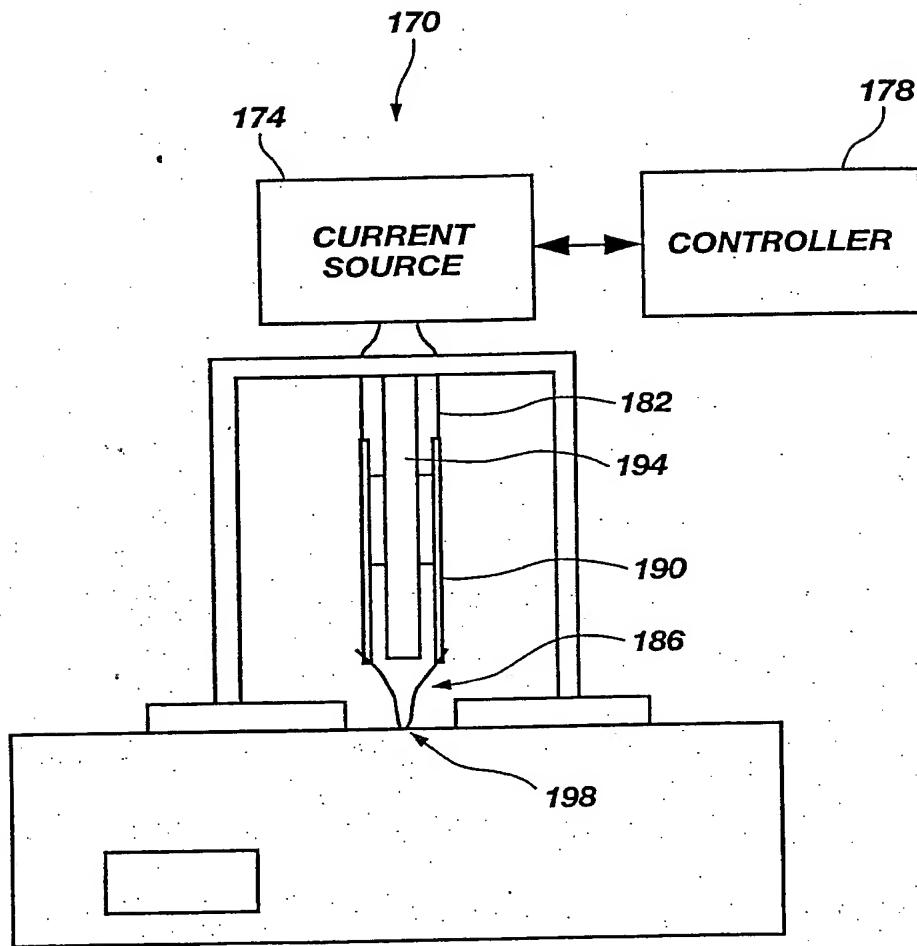


Fig. 3

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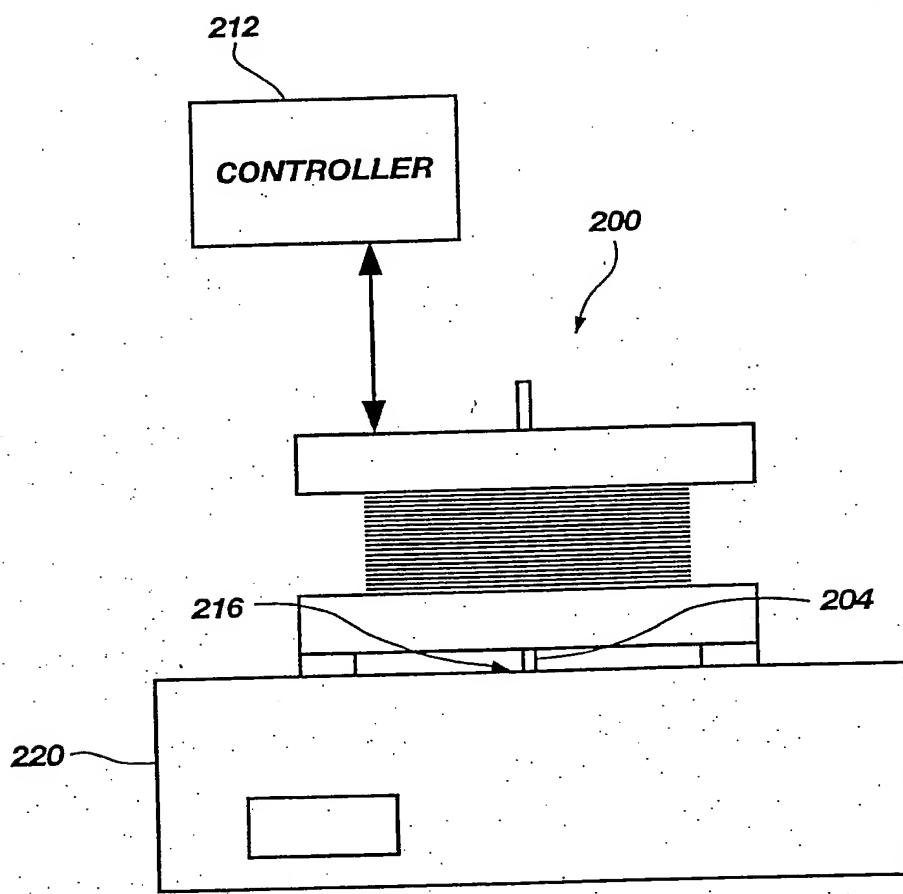


Fig. 28

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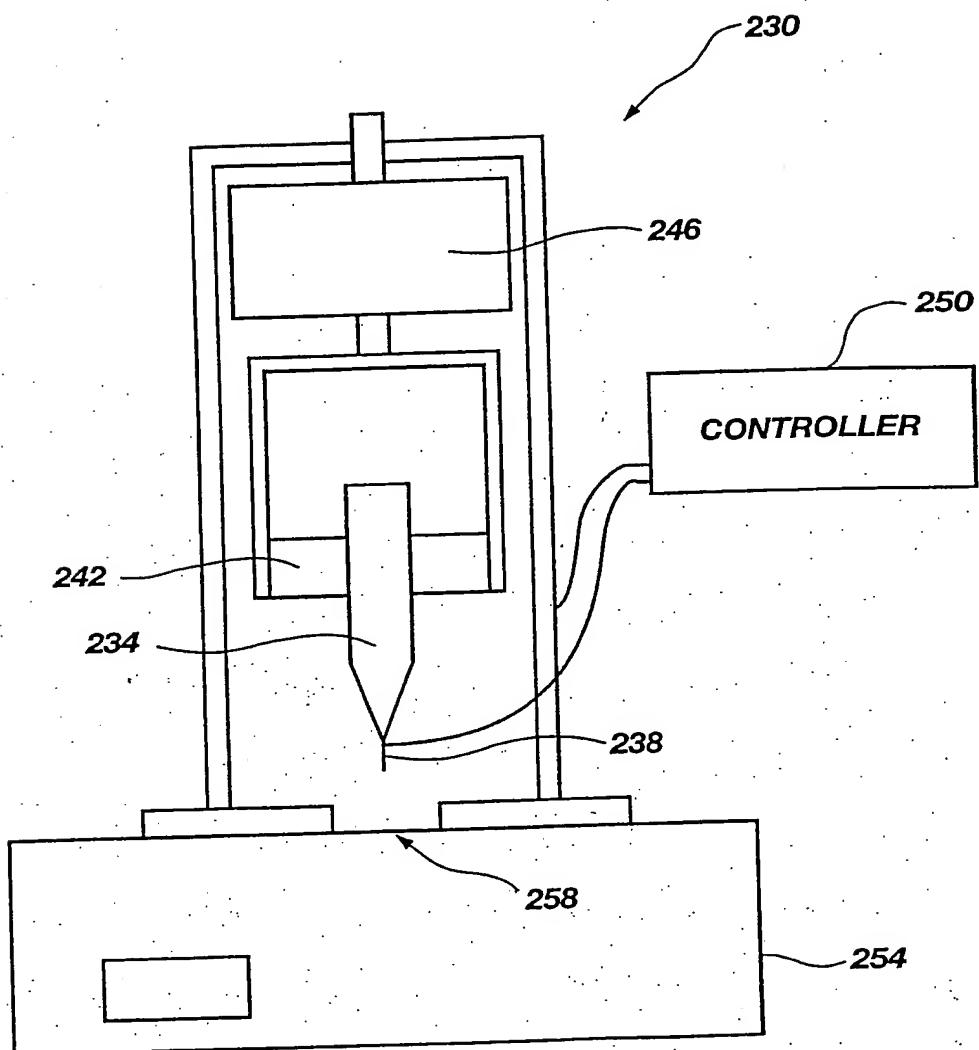


Fig. 29

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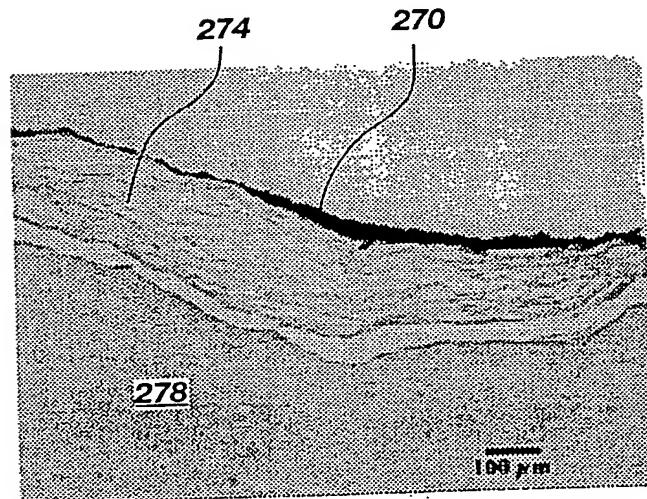


Fig. 30A

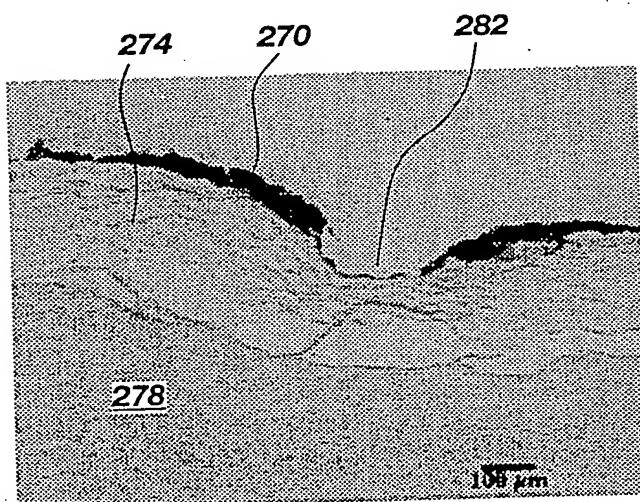


Fig. 30B

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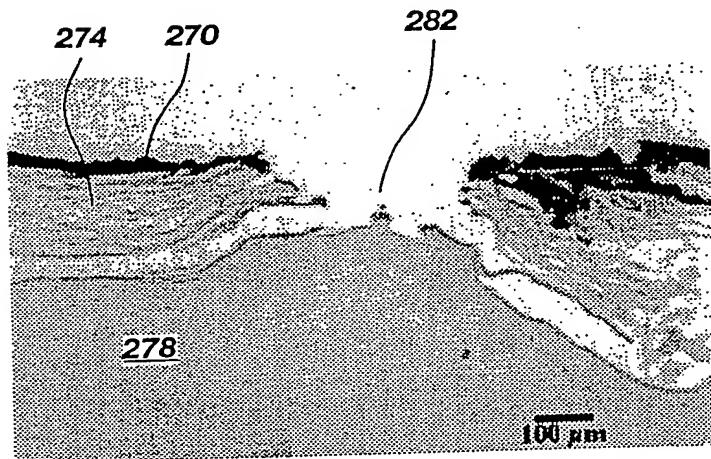


Fig. 30C

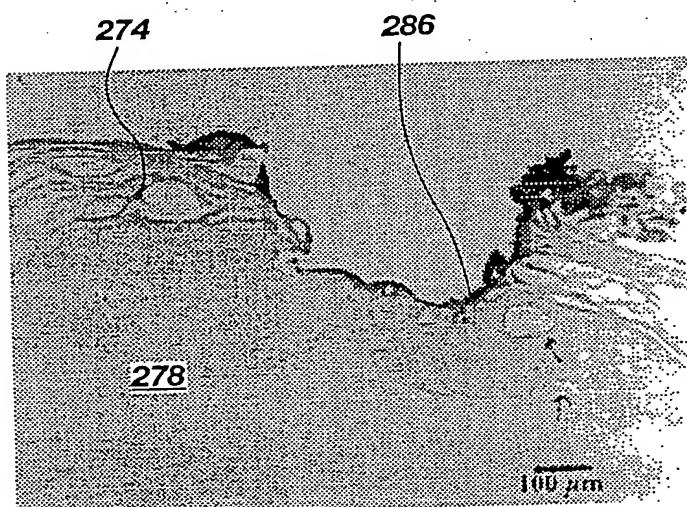


Fig. 30D

MAXIMUM LENGTH OF A SINGLE HEAT PULSE, $t = .021$ SECONDS, UNTIL DAMAGE THRESHOLD ENTERS VISIBLE TISSUE

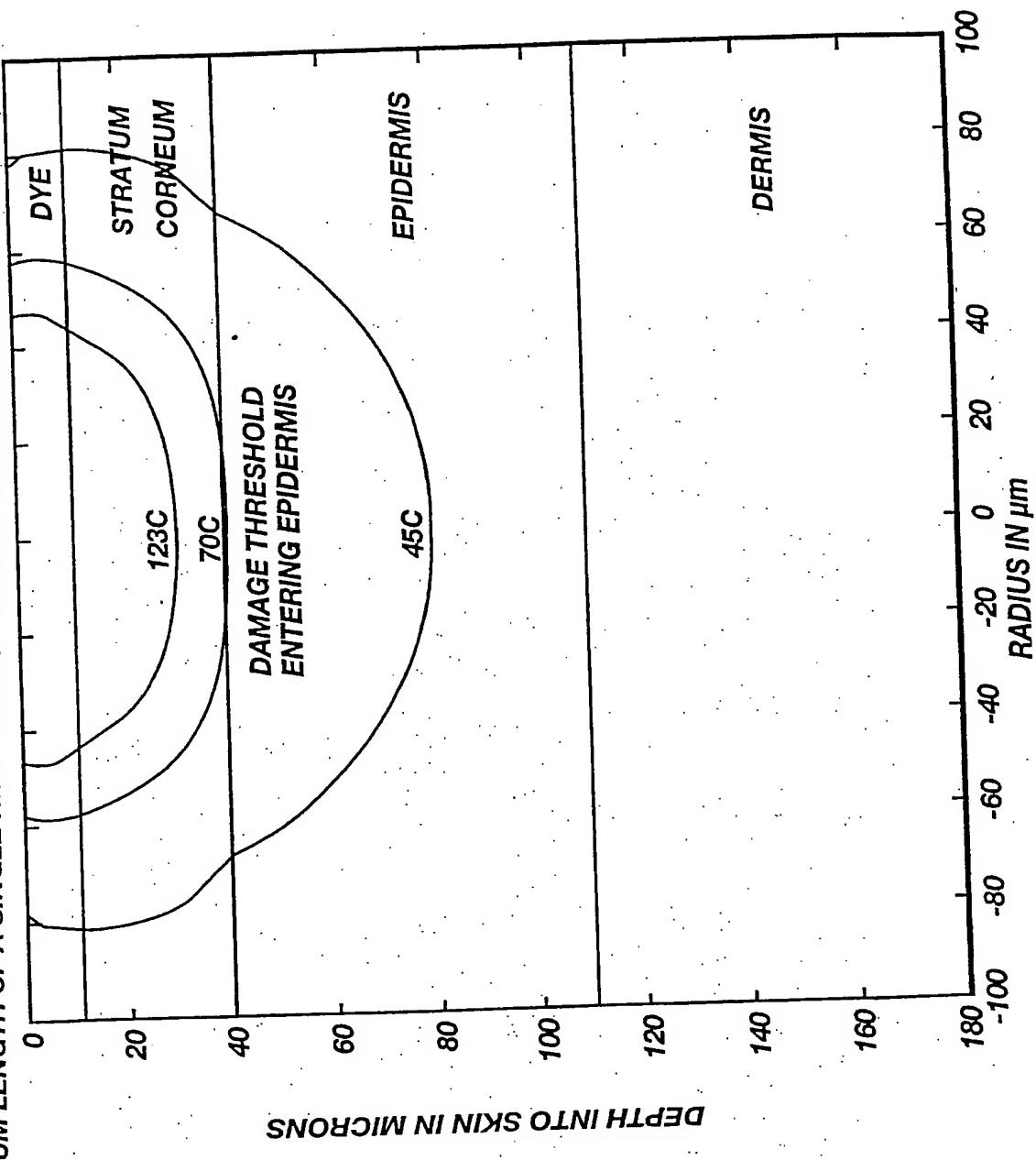


Fig. 31

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MAXIMUM LENGTH OF A SINGLE HEAT PULSE, $t = .060$ SECONDS, UNTIL PAIN THRESHOLD ENTERS ENERVATED TISSUE

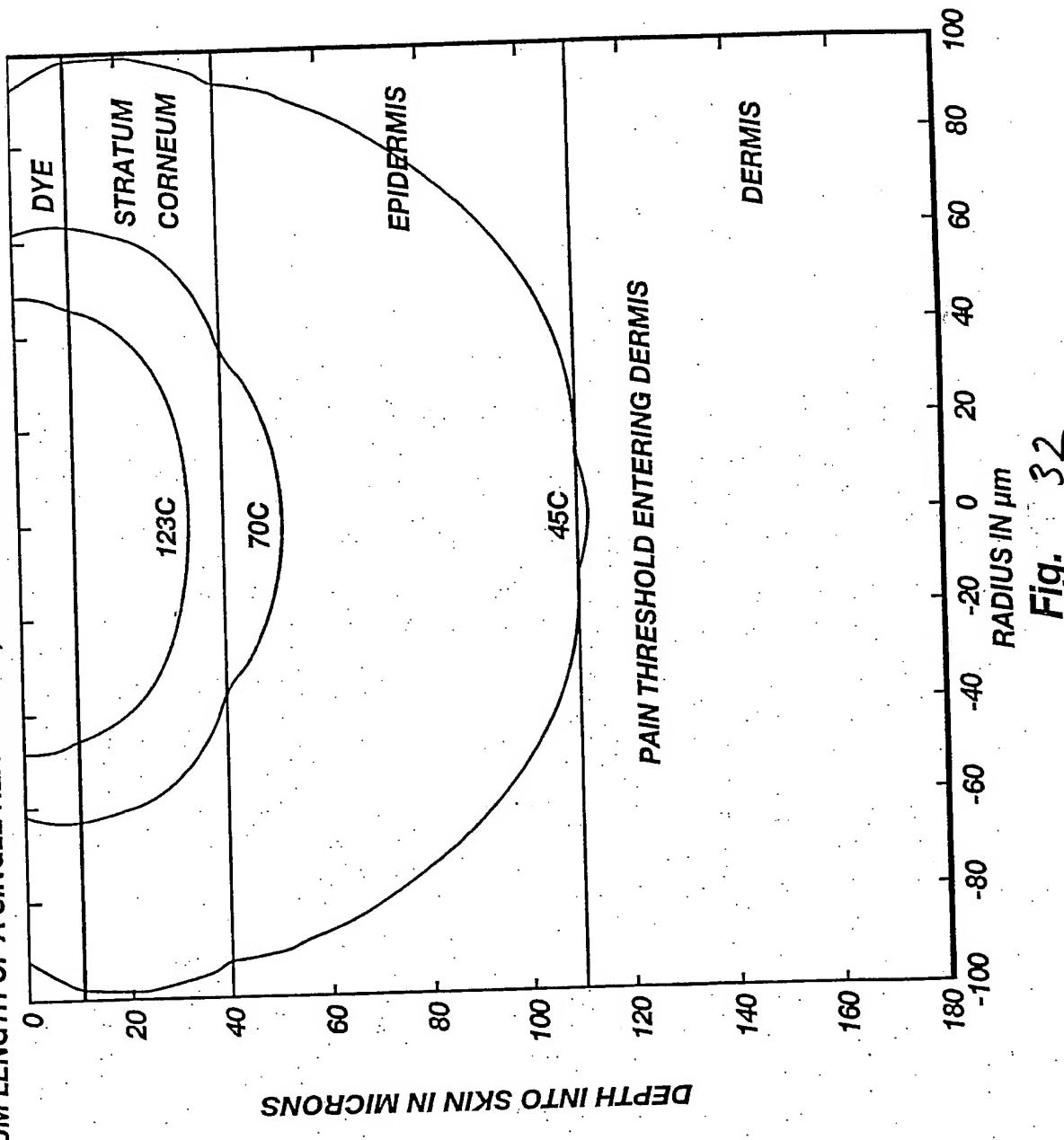


Fig. 32

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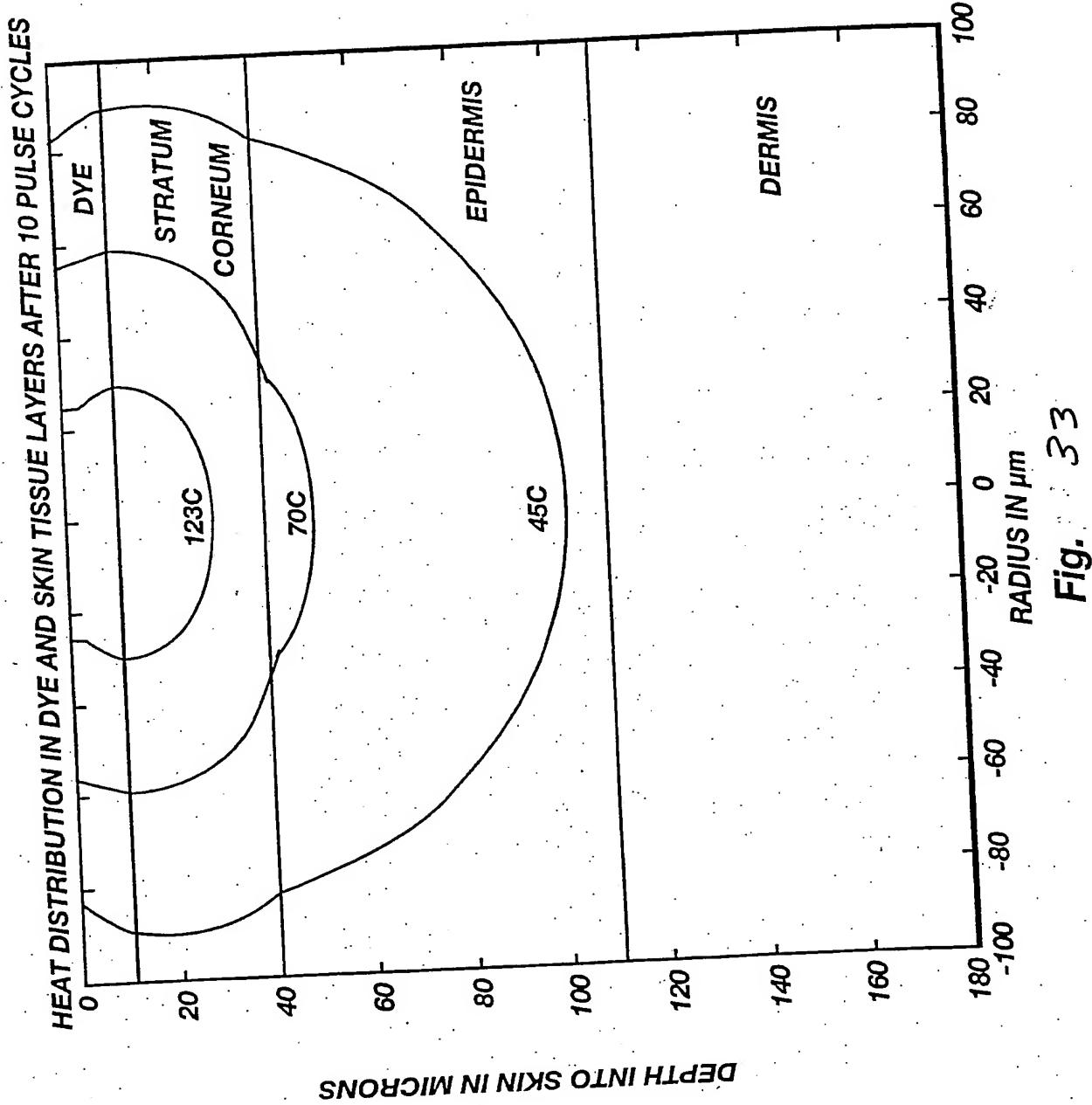


Fig. 33

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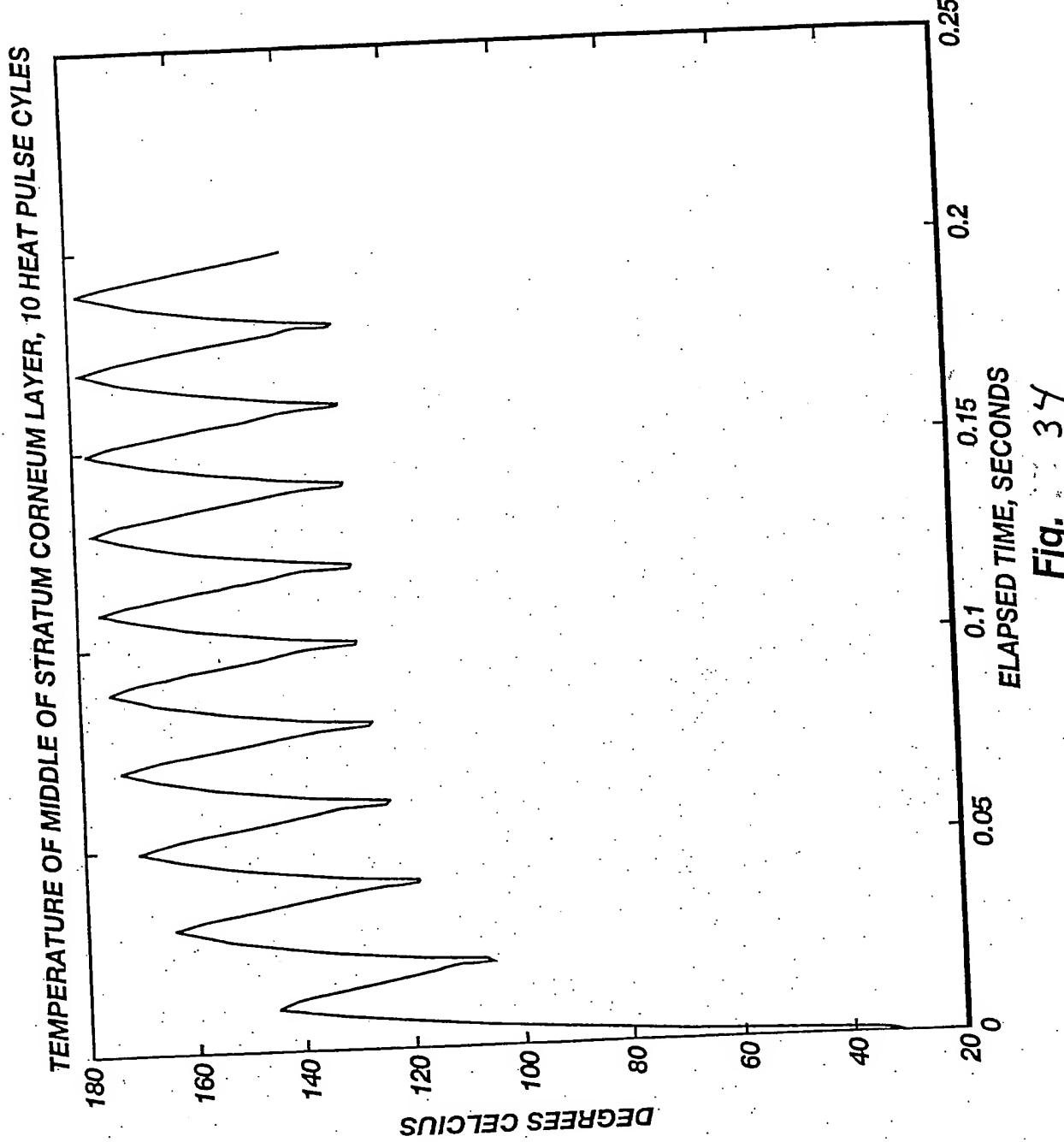
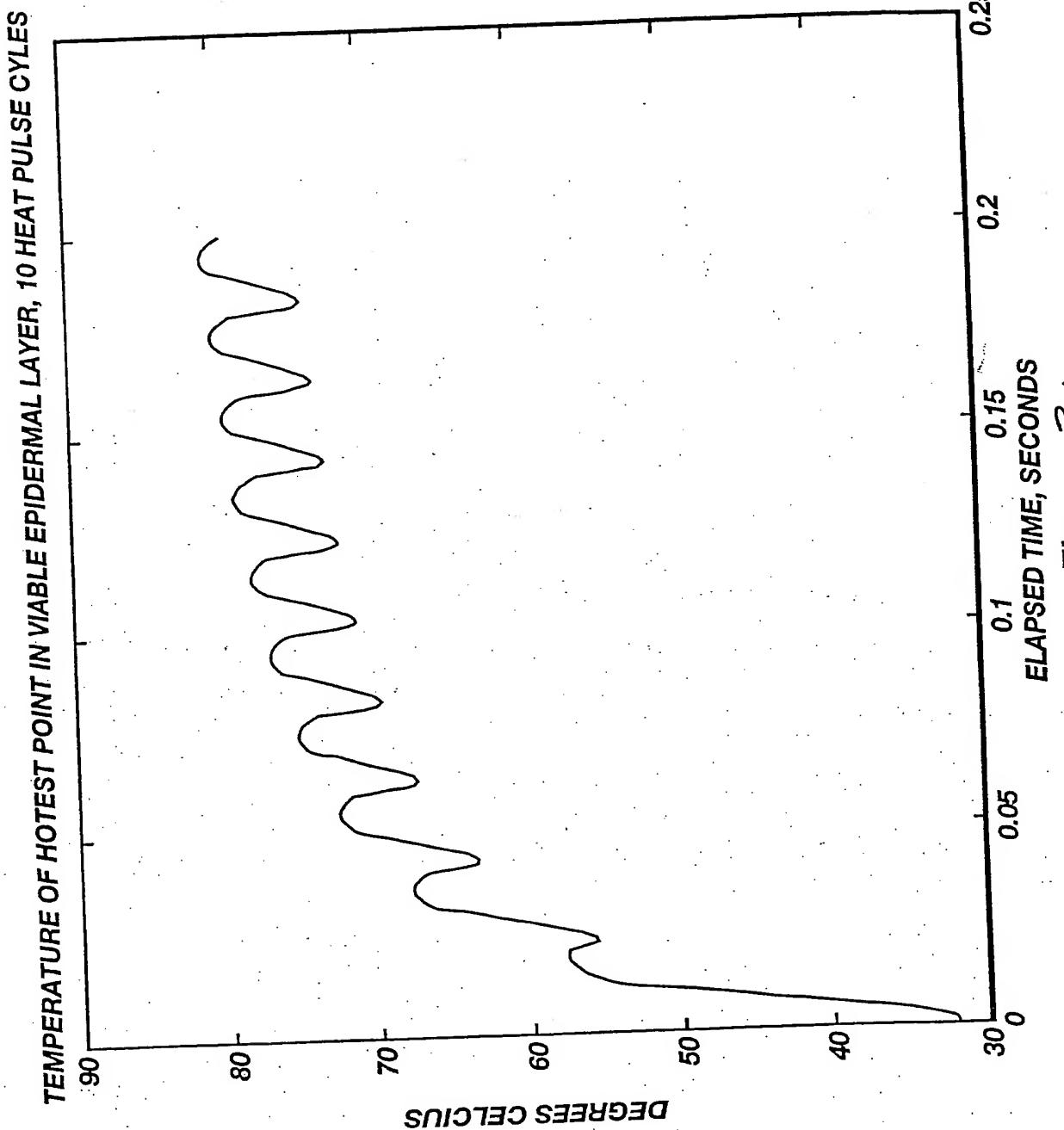


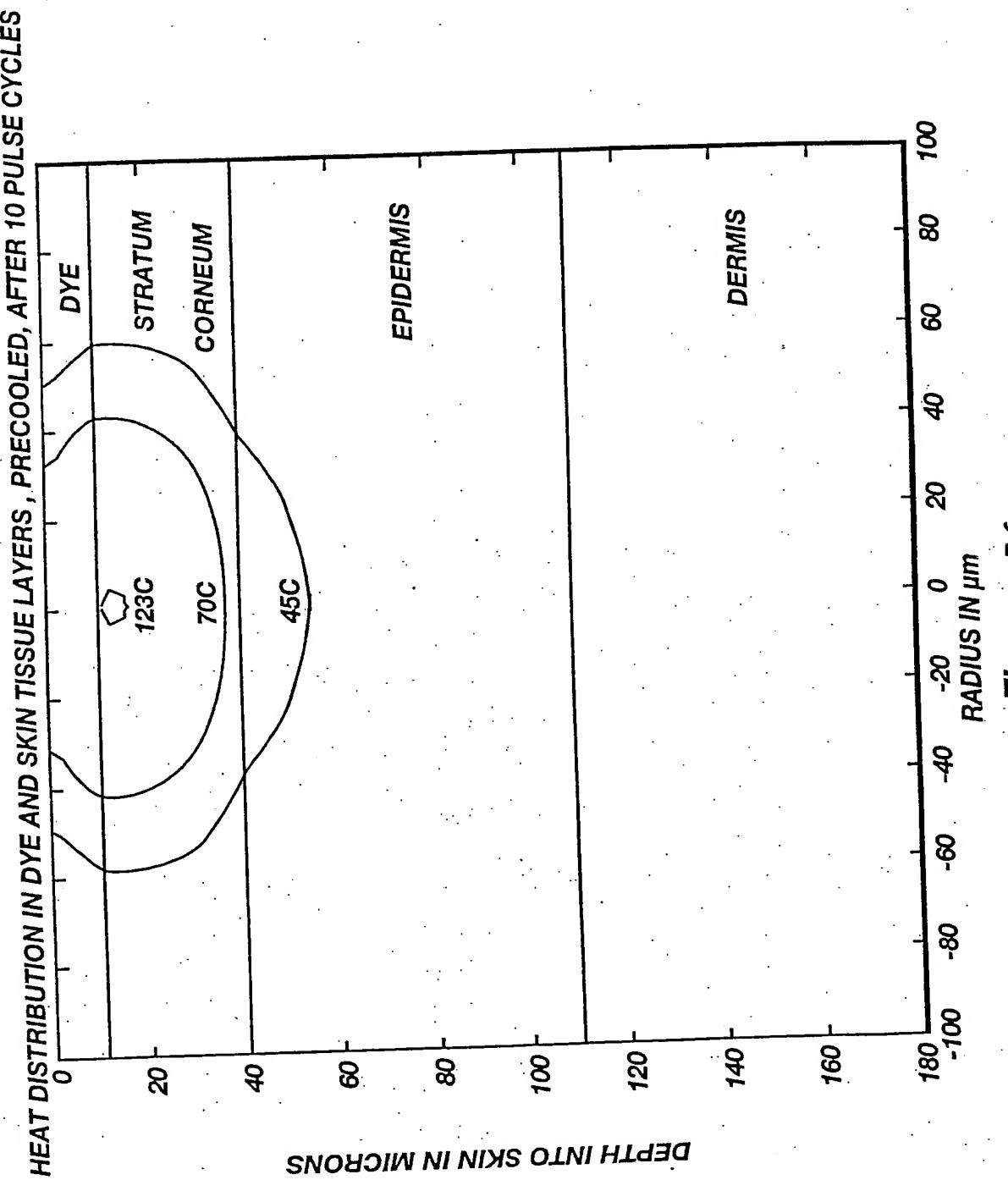
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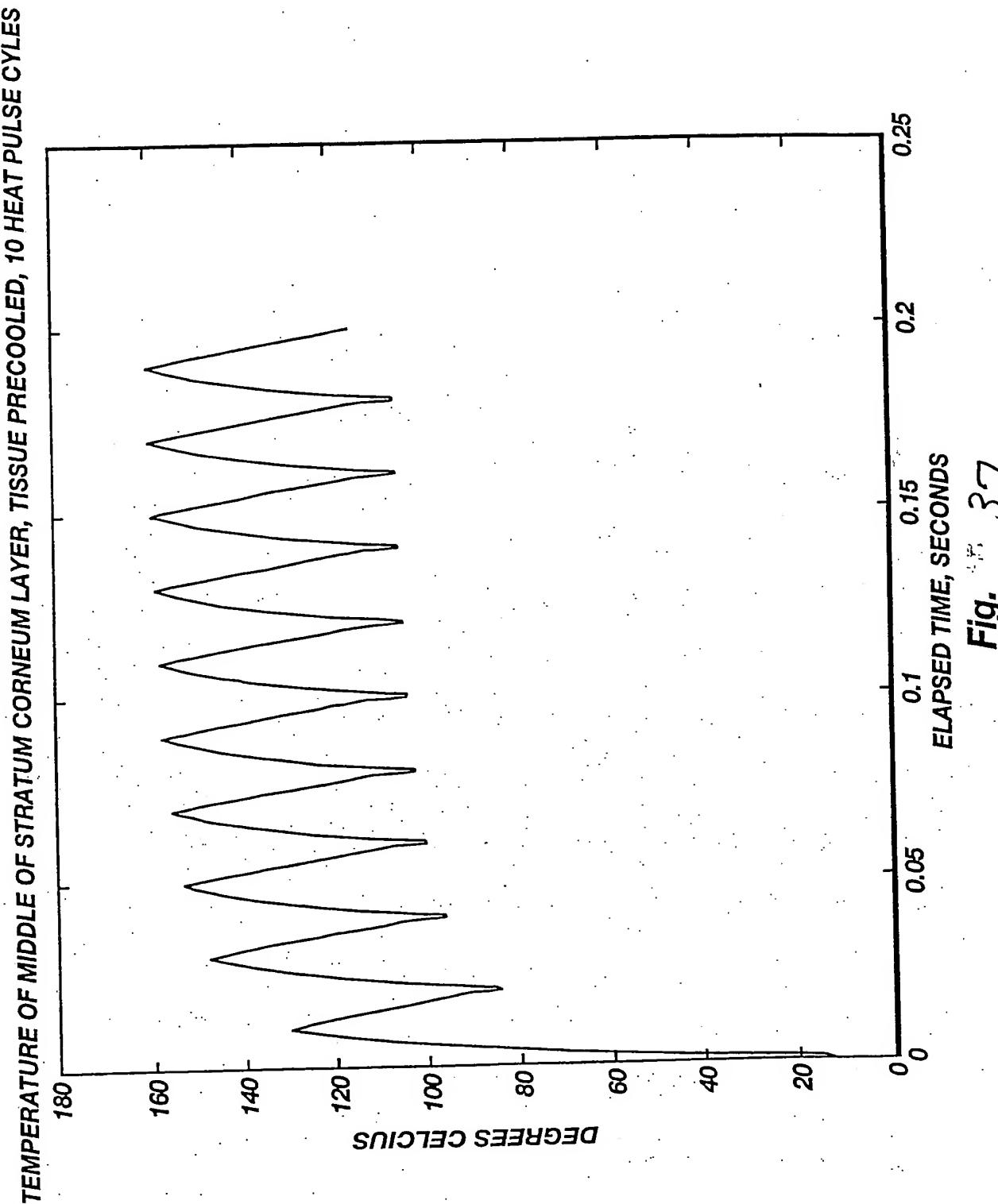
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TEMPERATURE OF HOTTEST POINT IN VISIBLE EPIDERMAL LAYER, TISSUE PRECOOLED, 10 HEAT PULSE CYCLES

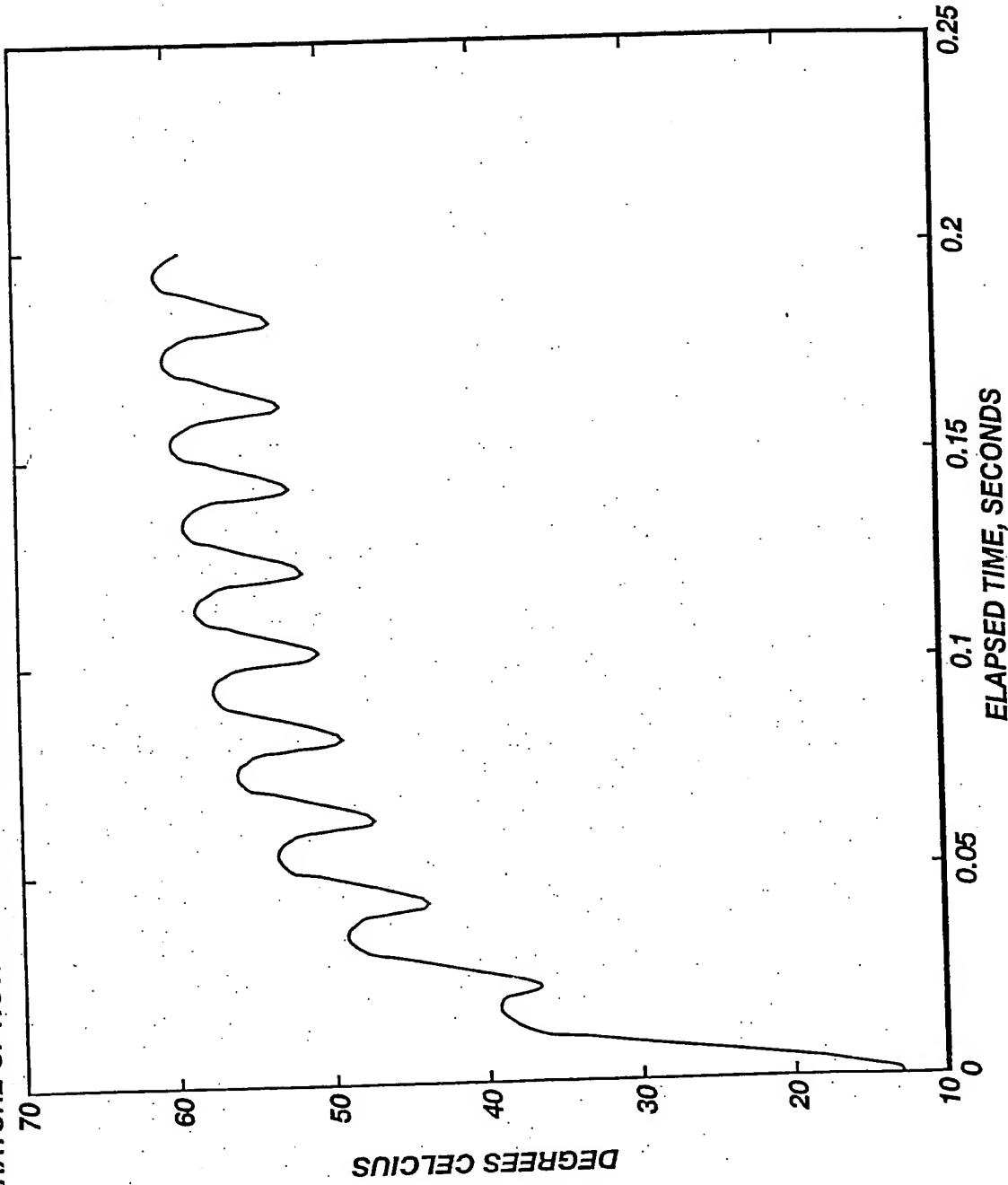


Fig. 38

HEAT DISTRIBUTION IN SKIN TISSUE LAYERS AFTER 10 PULSE CYCLES OF HOT WIRE THERMAL PROBE

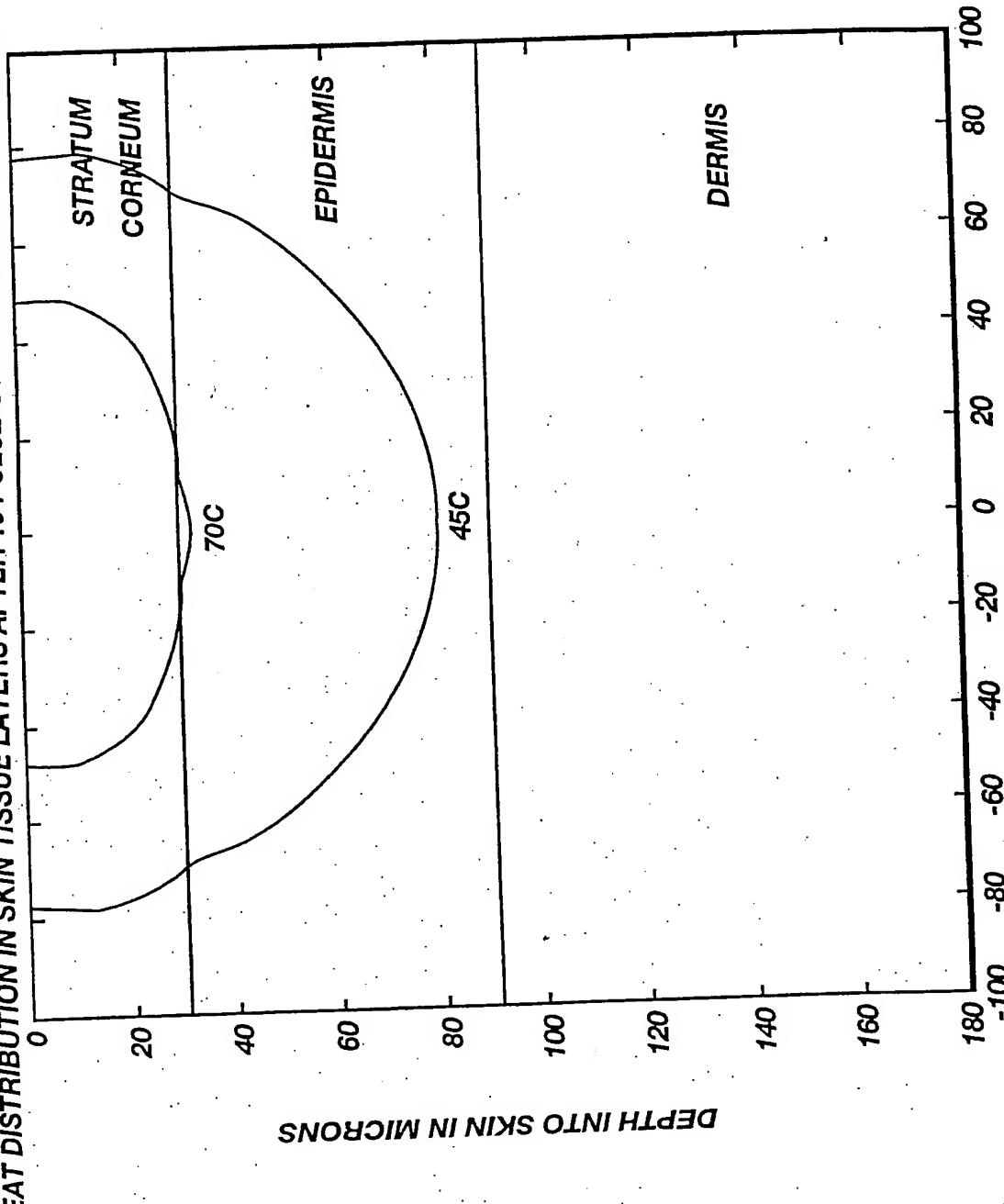


Fig. 39

TEMPERATURE OF MIDDLE OF STRATUM CORNEUM LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

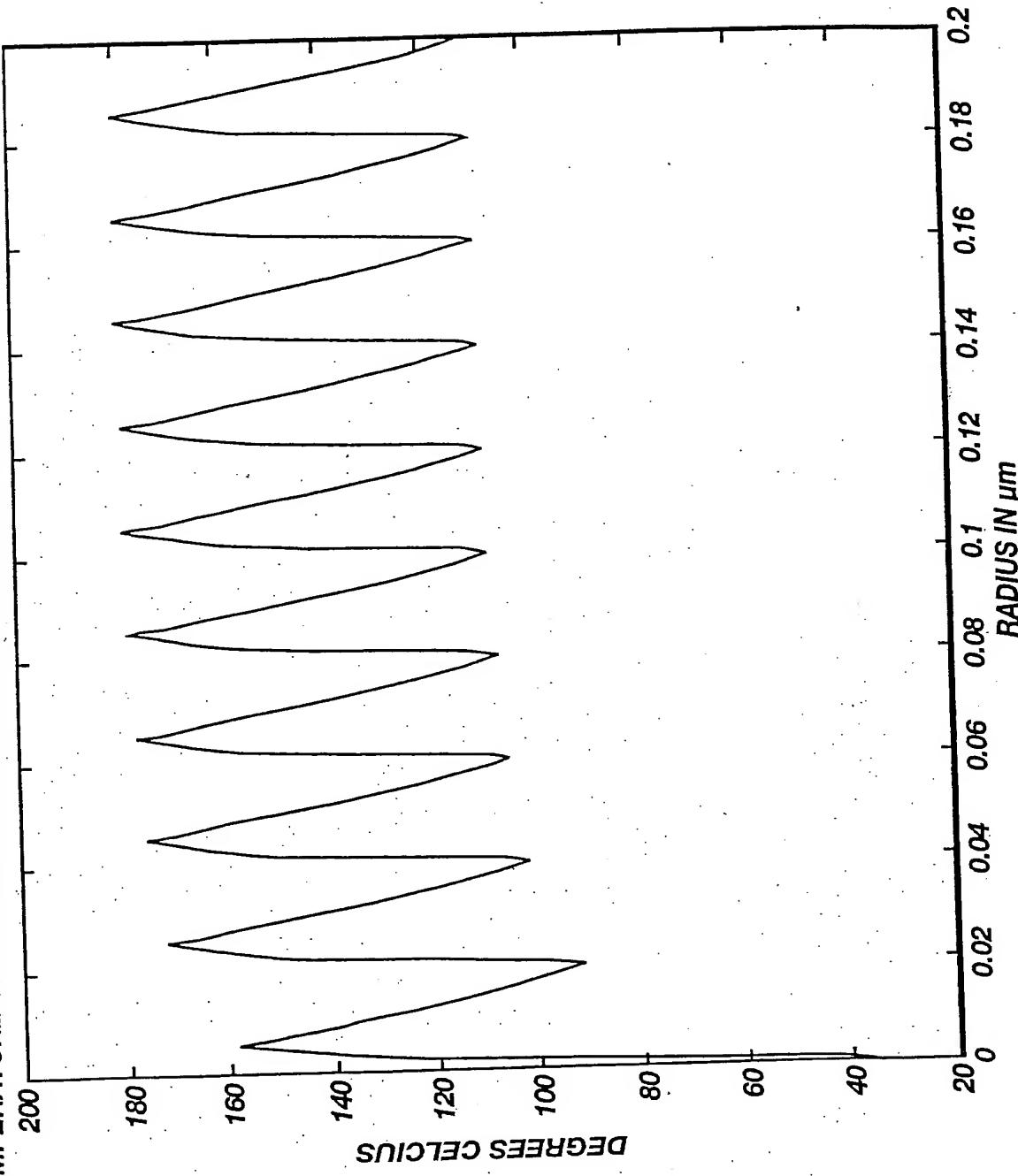


Fig. 60

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TEMPERATURE OF HOTTEST POINT IN VISIBLE EPIDERMAL LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

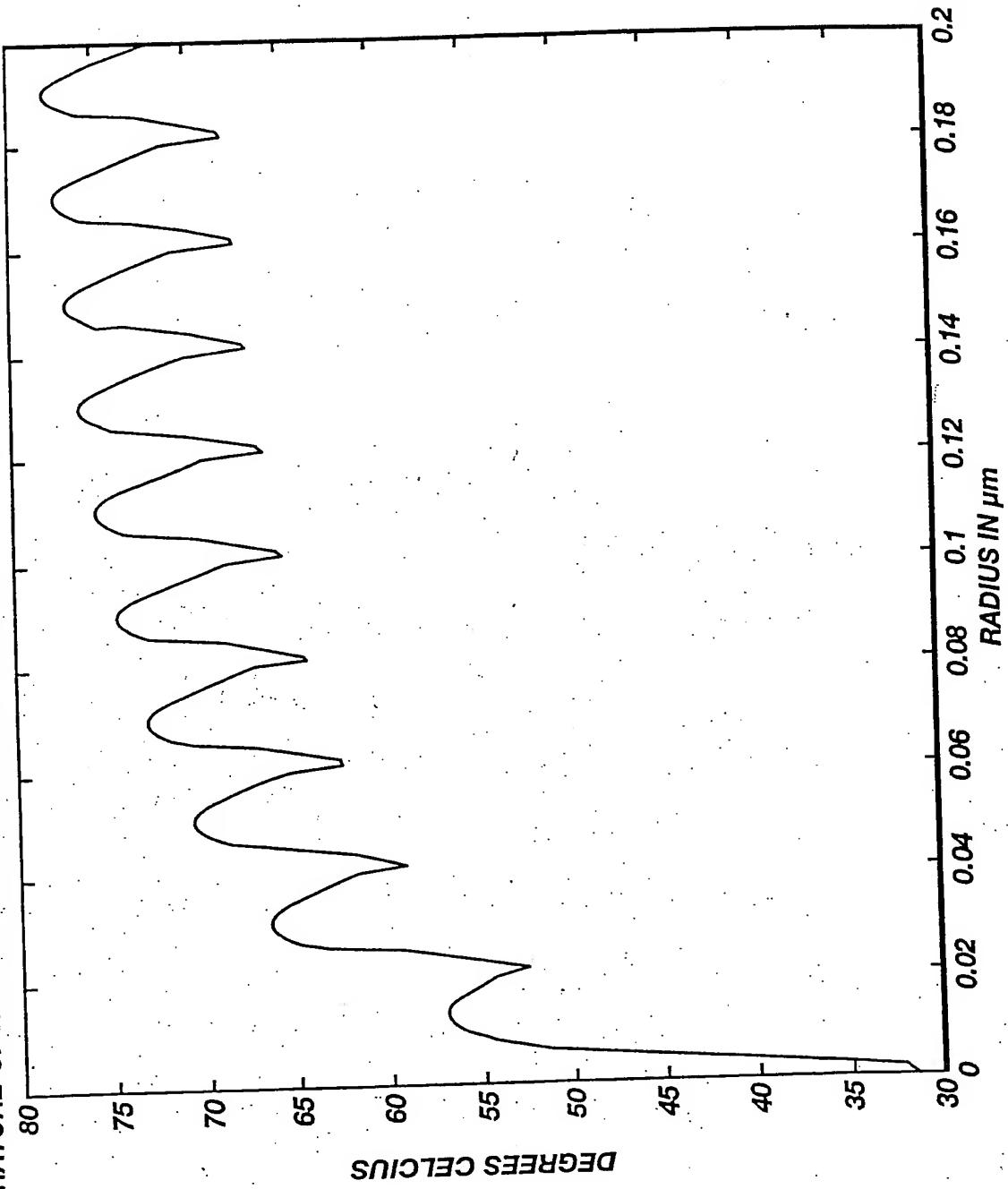


Fig. 41

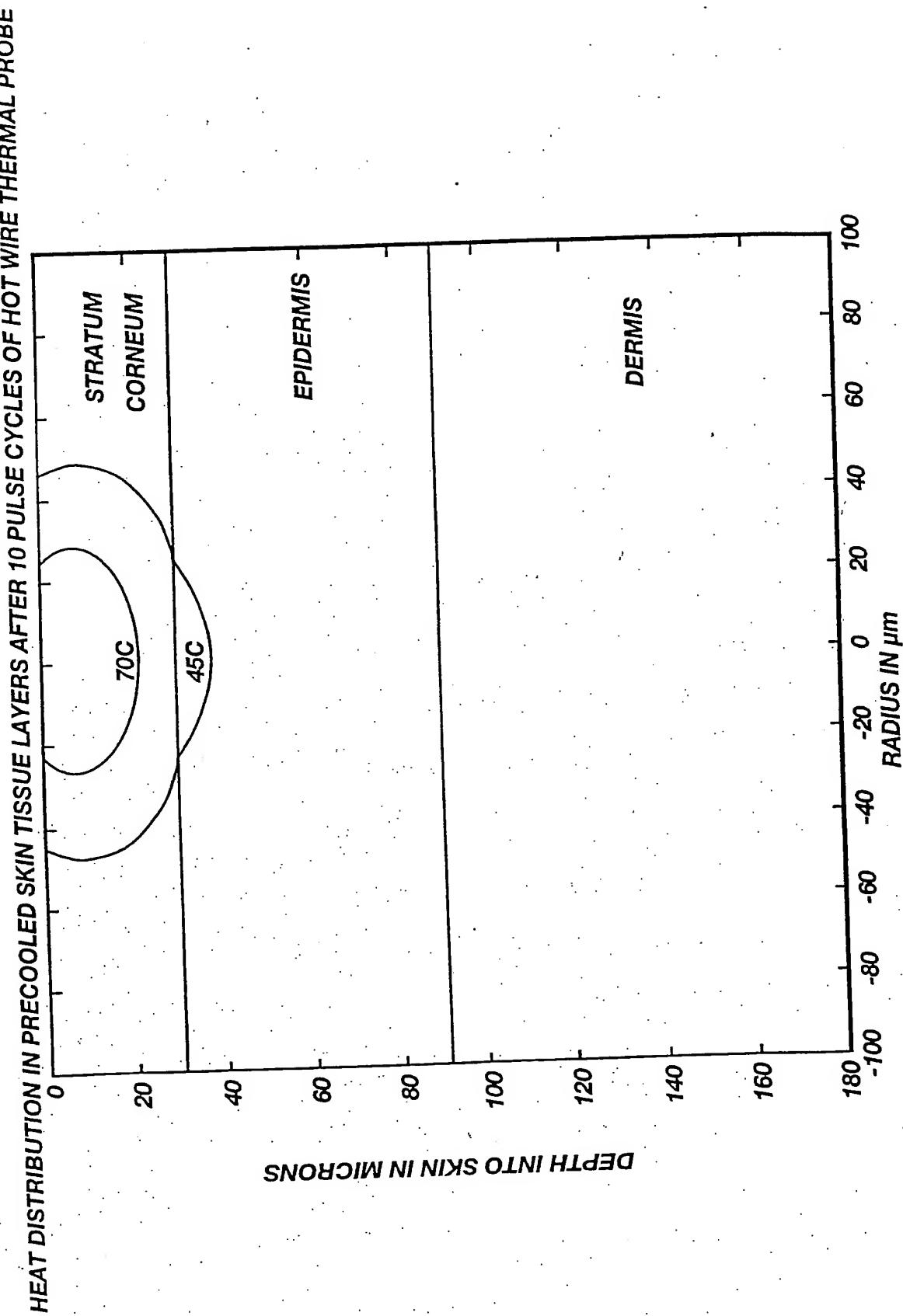


Fig. 42

TEMPERATURE OF MIDDLE OF PRECOOLED STRATUM CORNEUM LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

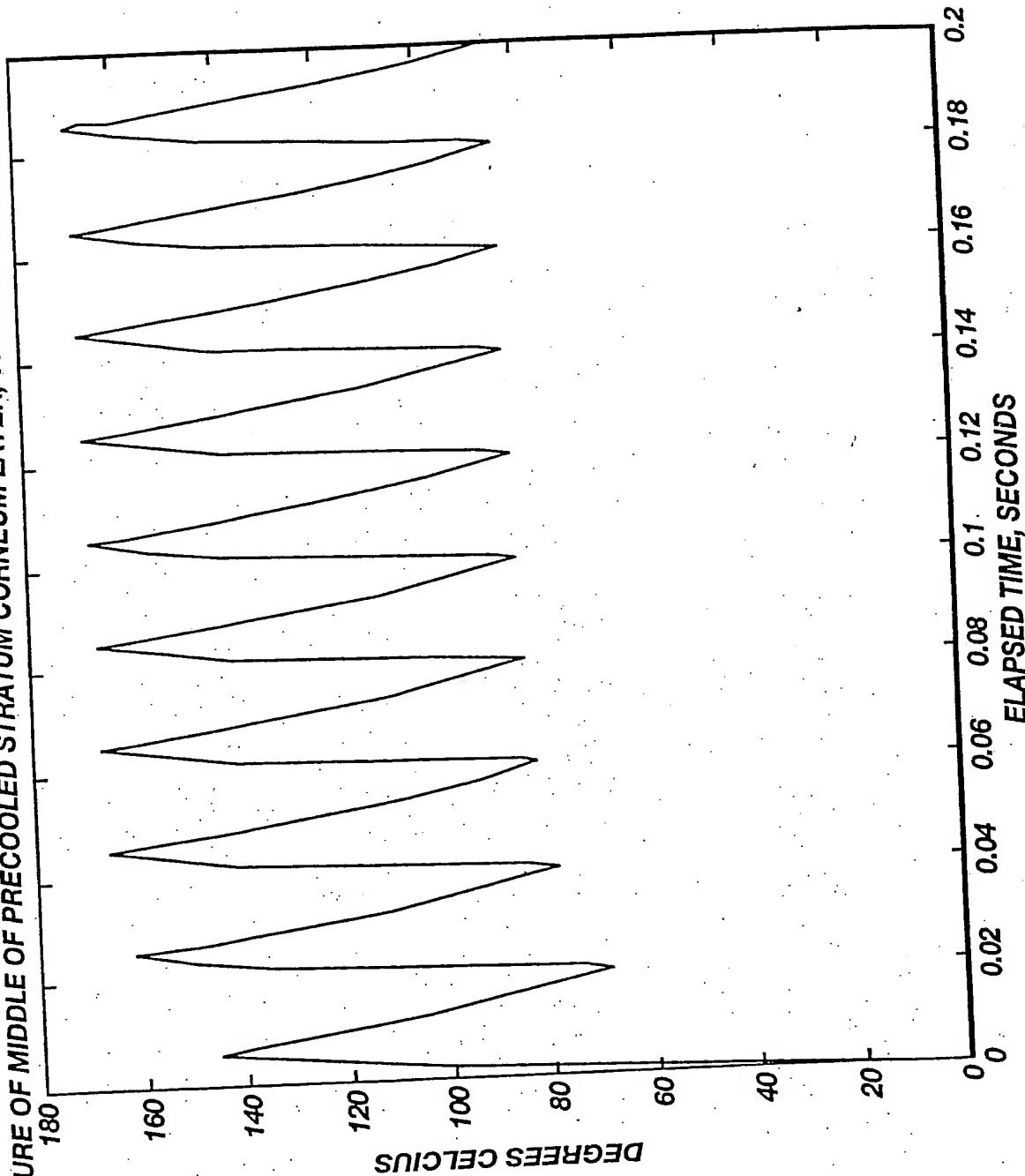


Fig. 9/3

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TEMPERATURE OF HOTTEST POINT IN Viable PRECOOLED EPIDERMAL LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

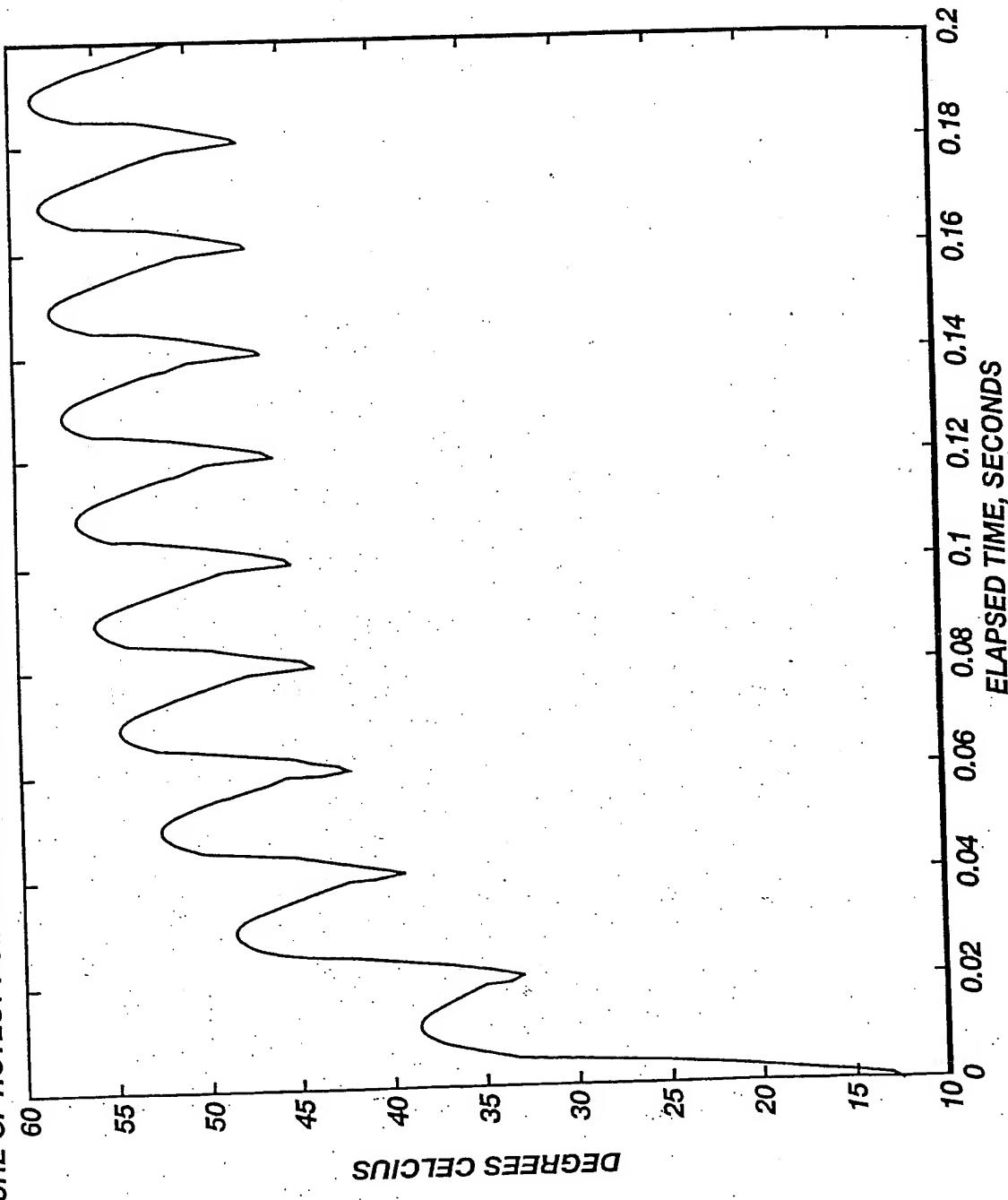
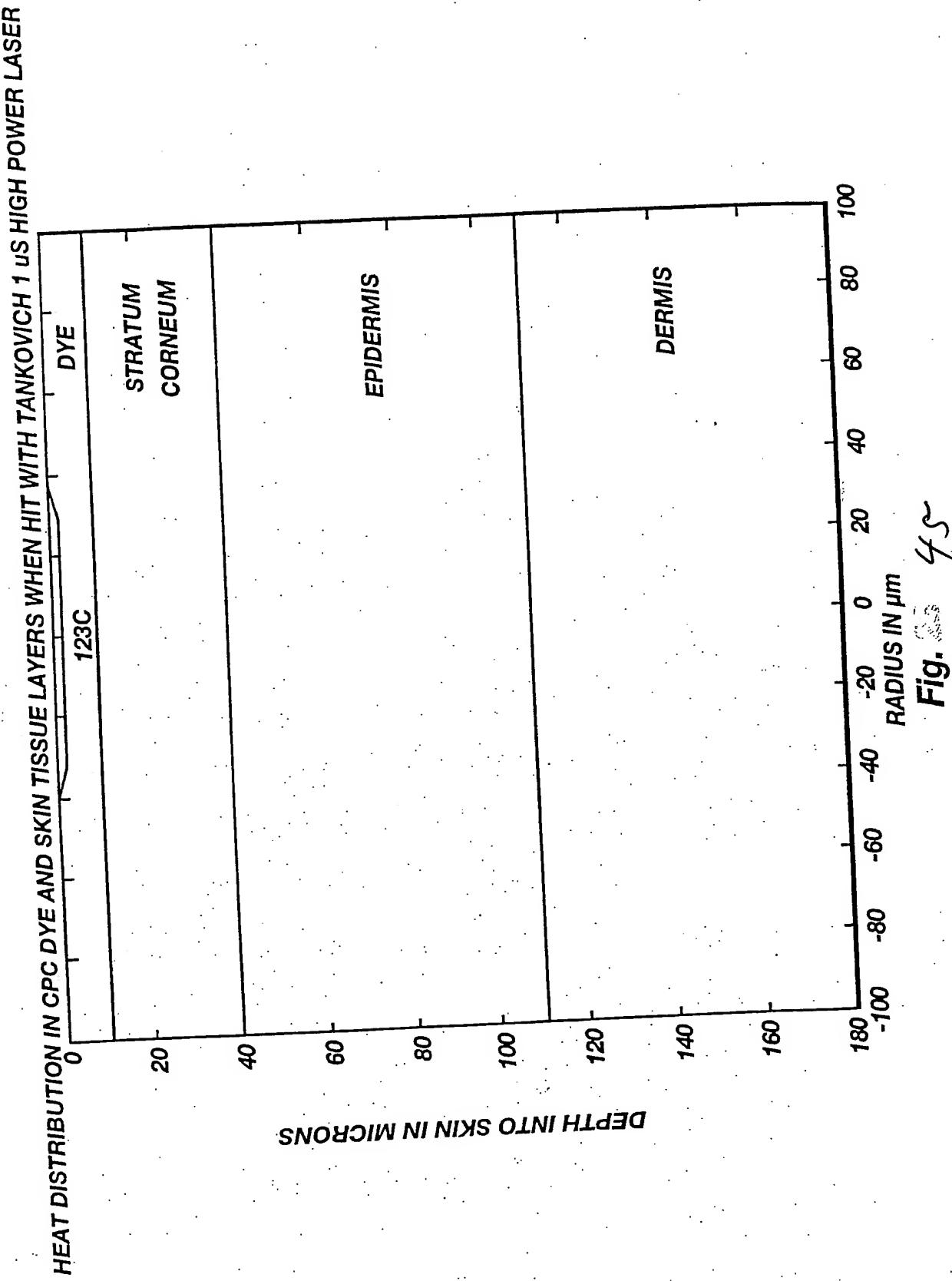


Fig. 44

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TEMPERATURE OF MIDDLE OF STRATUM CORNEUM LAYER, 10 HIGH POWER, 1 μ S LASER PULSES, AS PER TANKOVICH

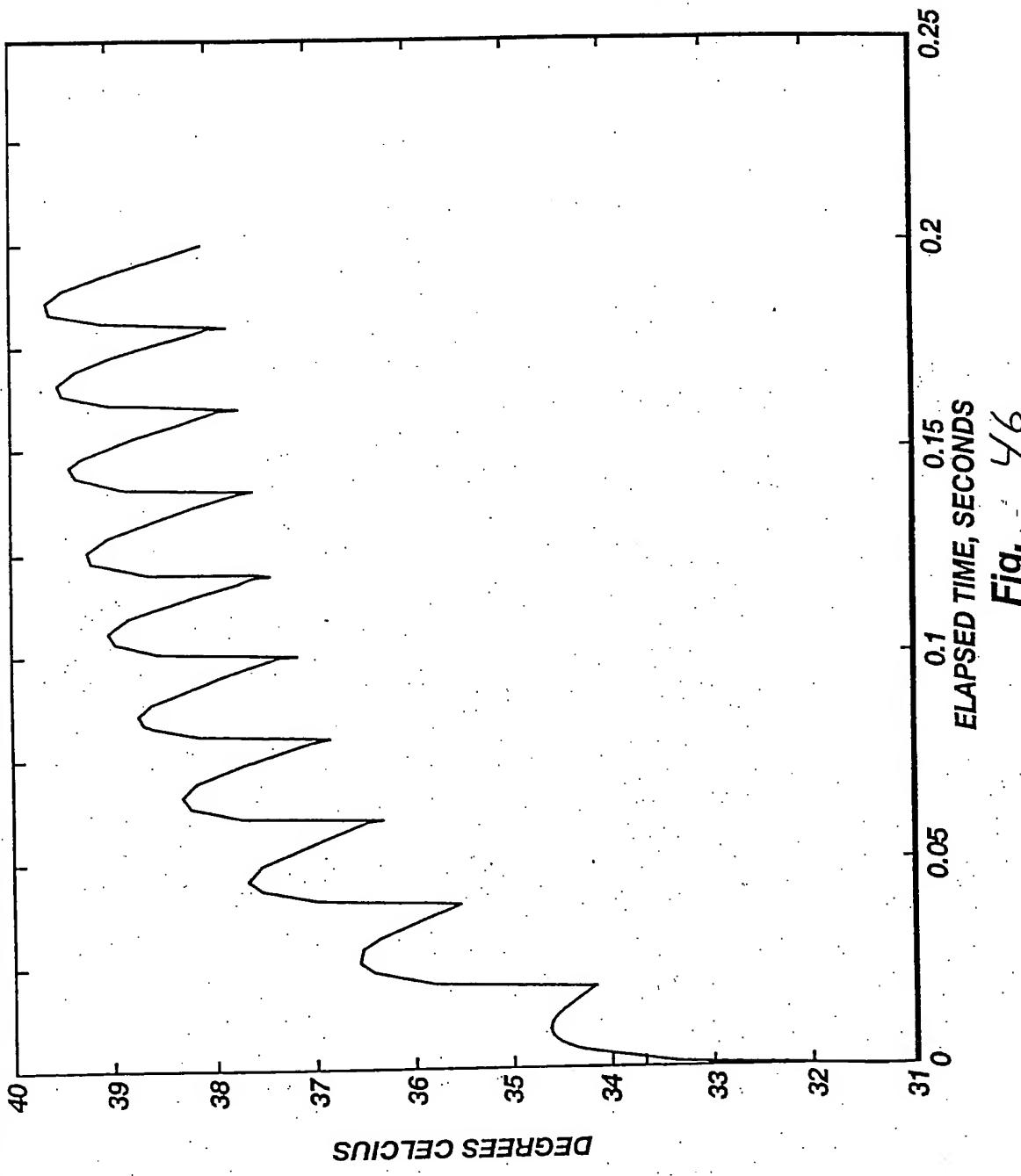


Fig. 4/6

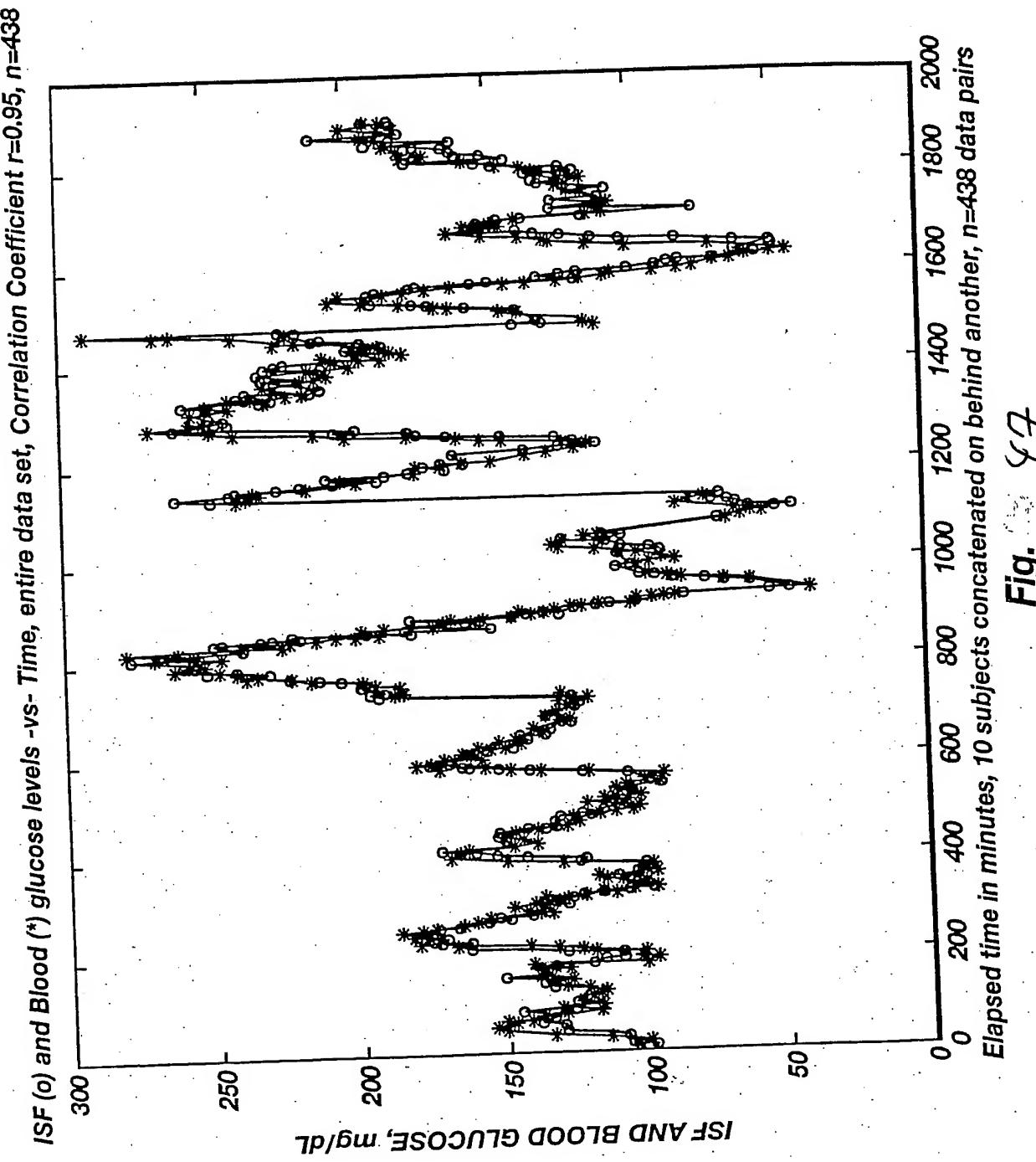


Fig. 47

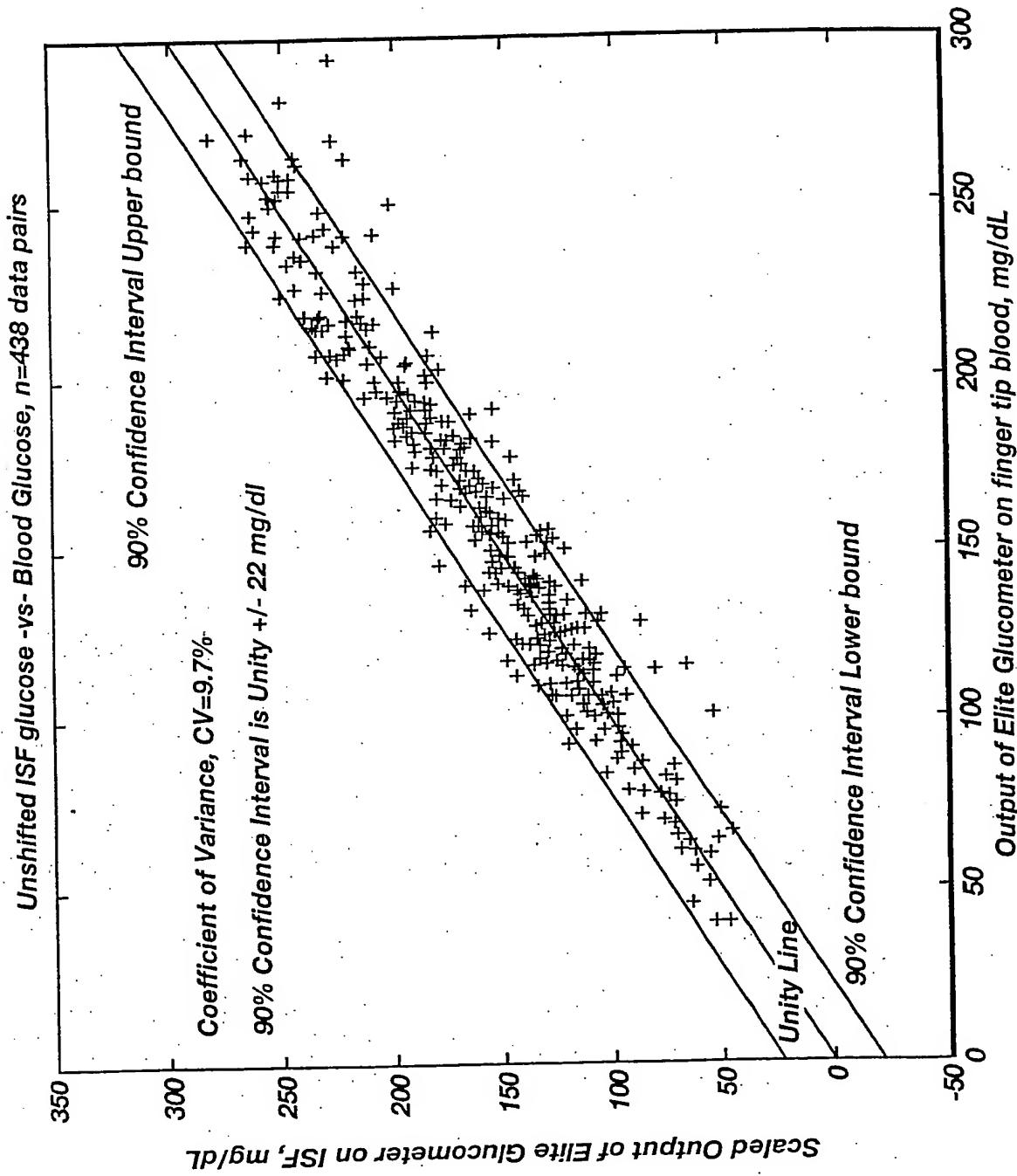


Fig. 48

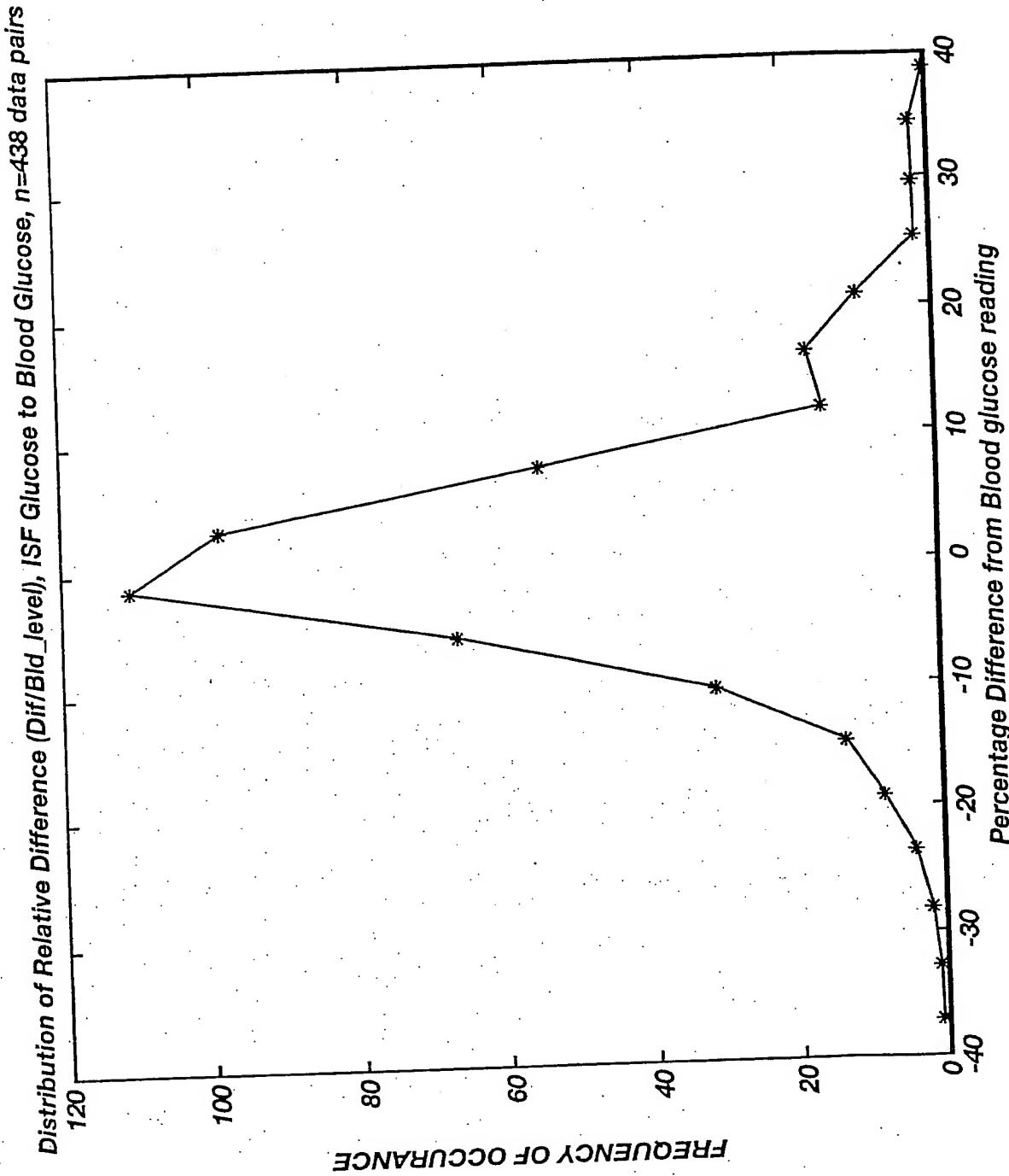
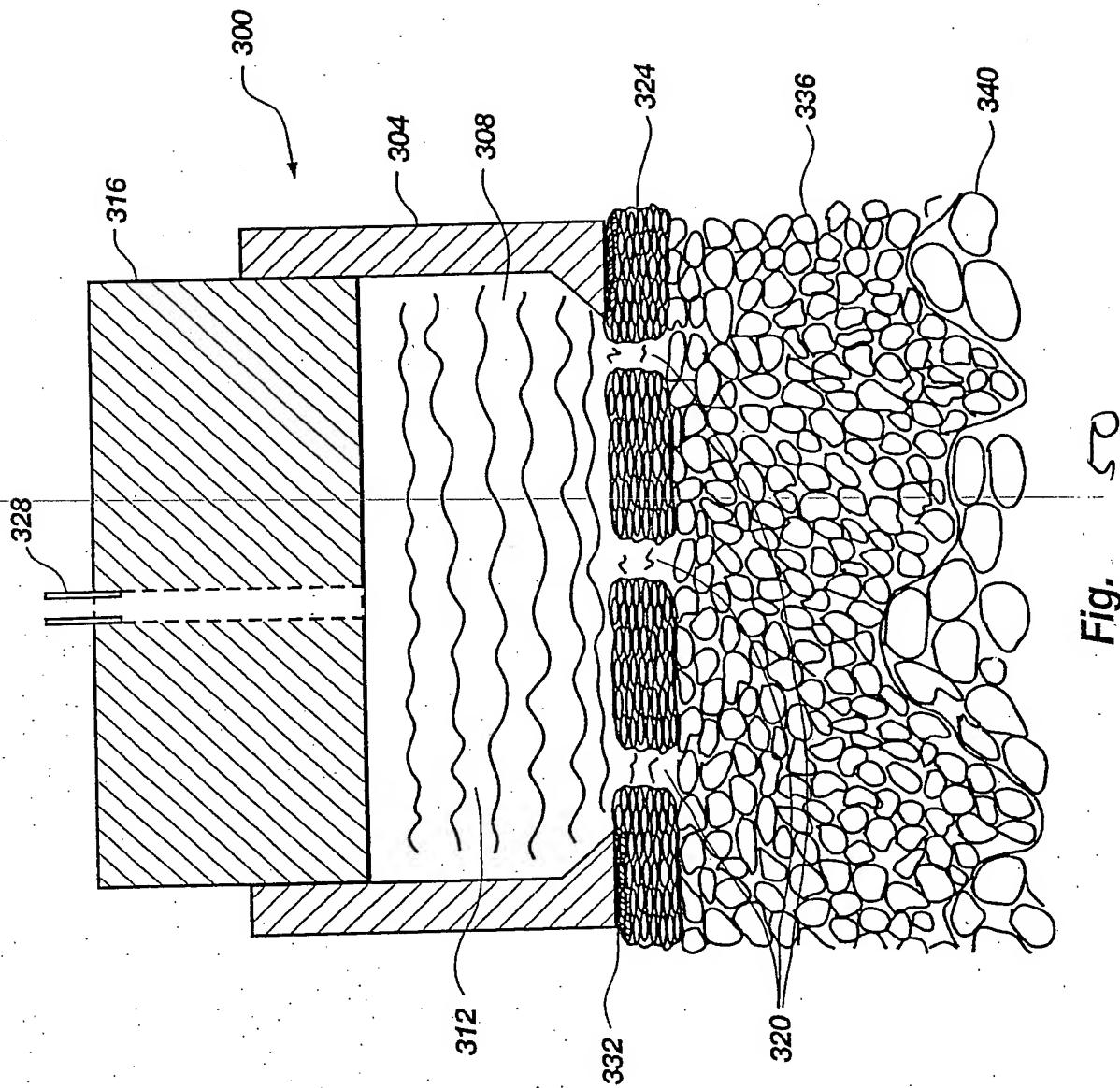


Fig. 49

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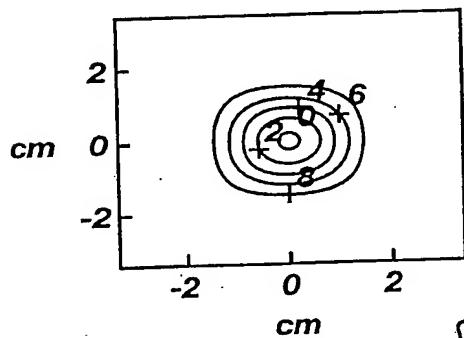


Fig. 51A

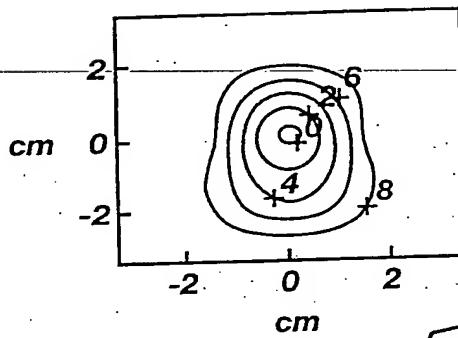


Fig. 51B

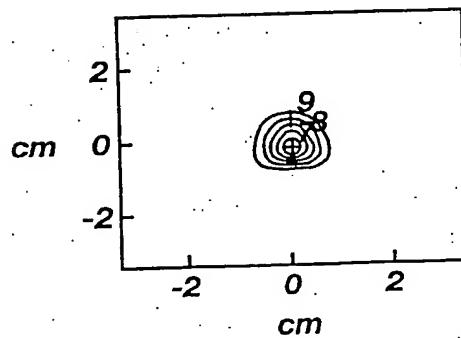
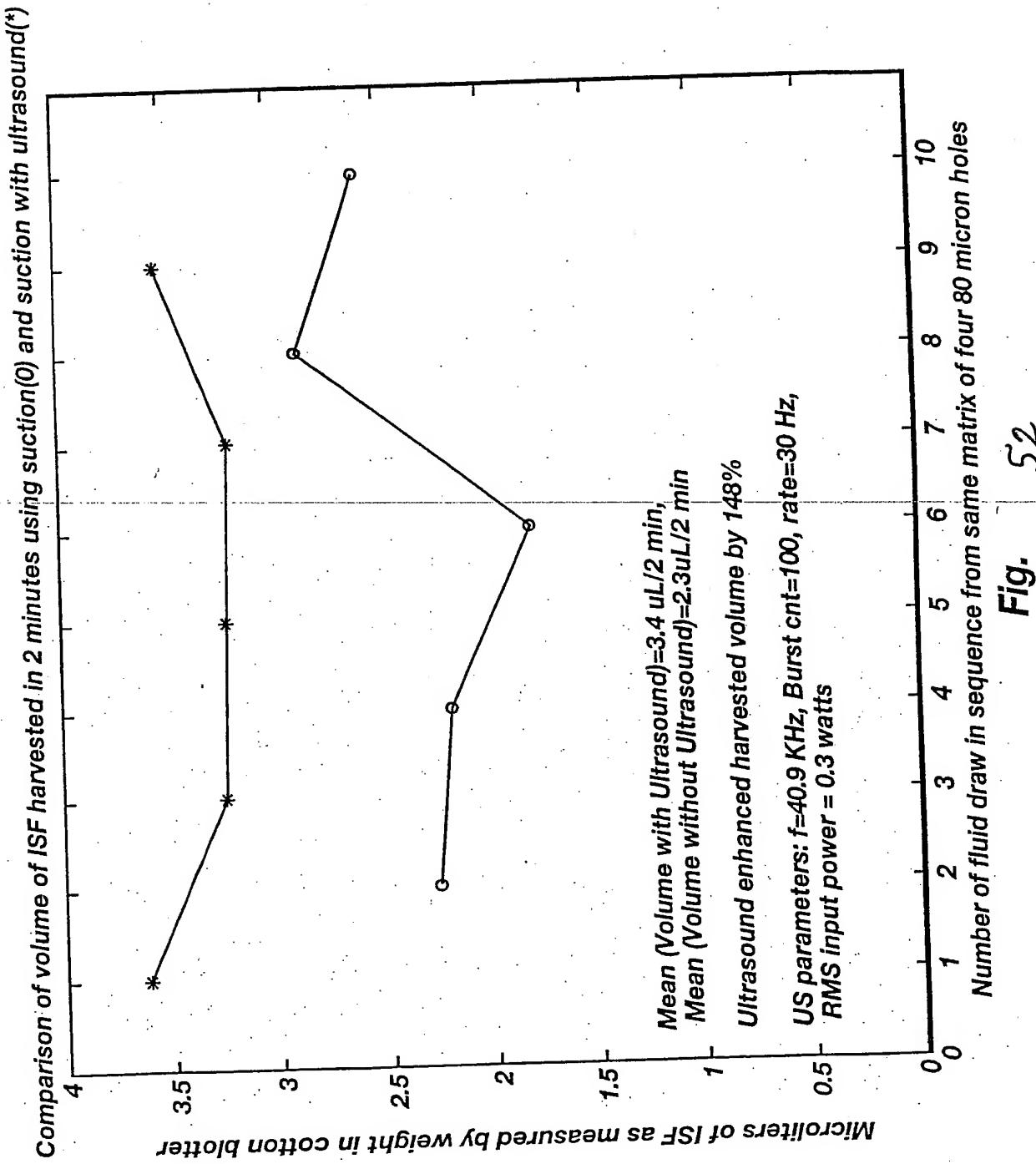


Fig. 51C



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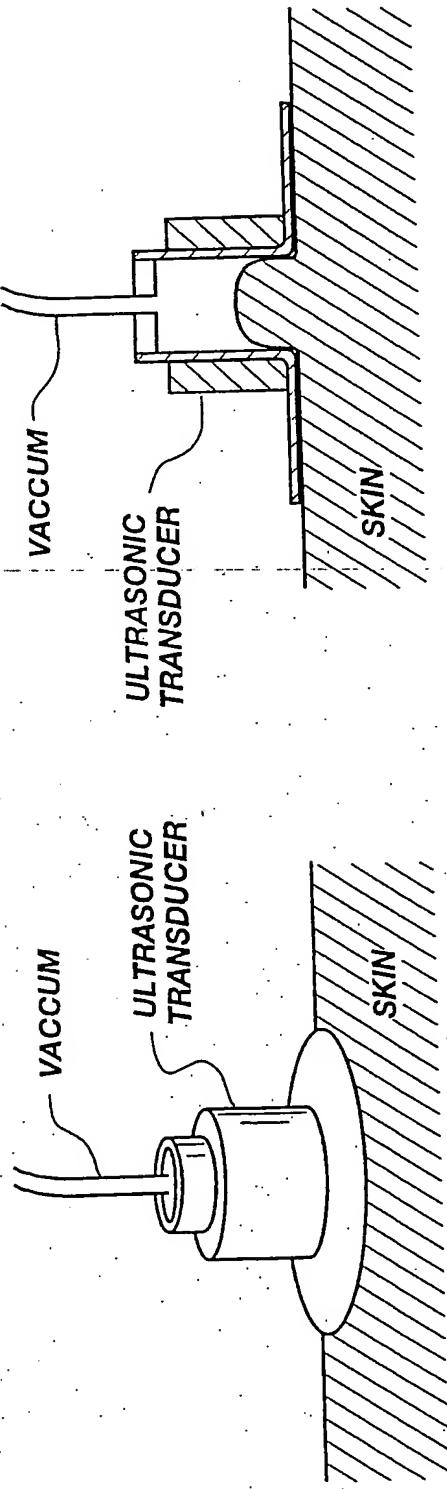


Fig. 53

Fig. 54

INTERSTITIAL FLUID COLLECTED
THROUGH MICRO-PORATIONS

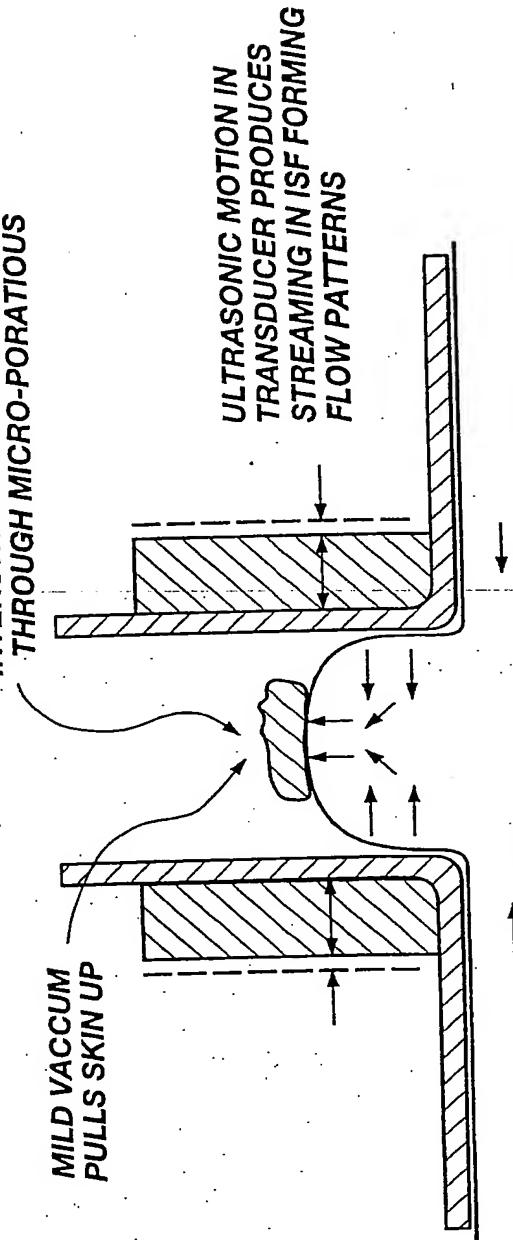


Fig. 55

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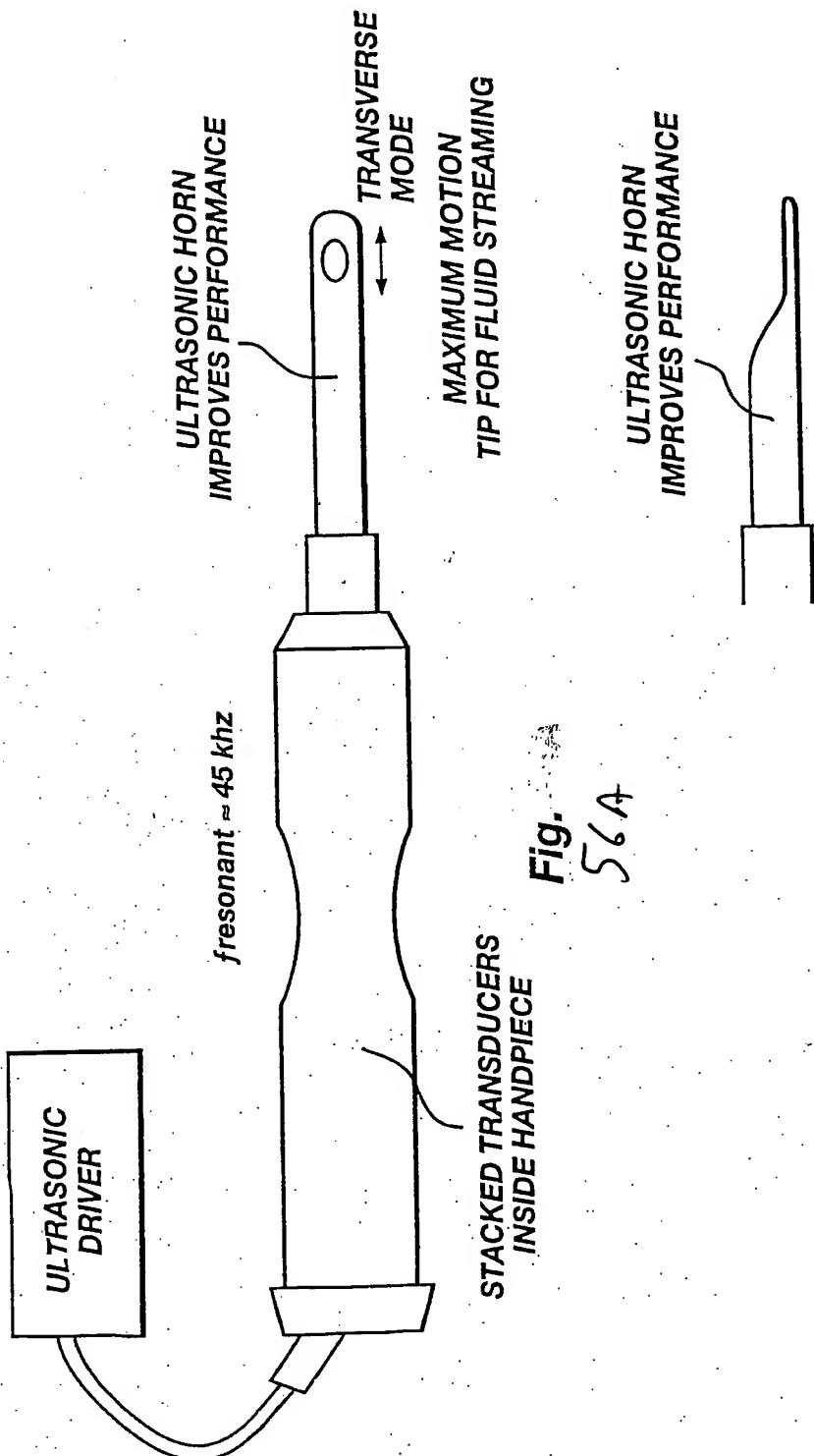
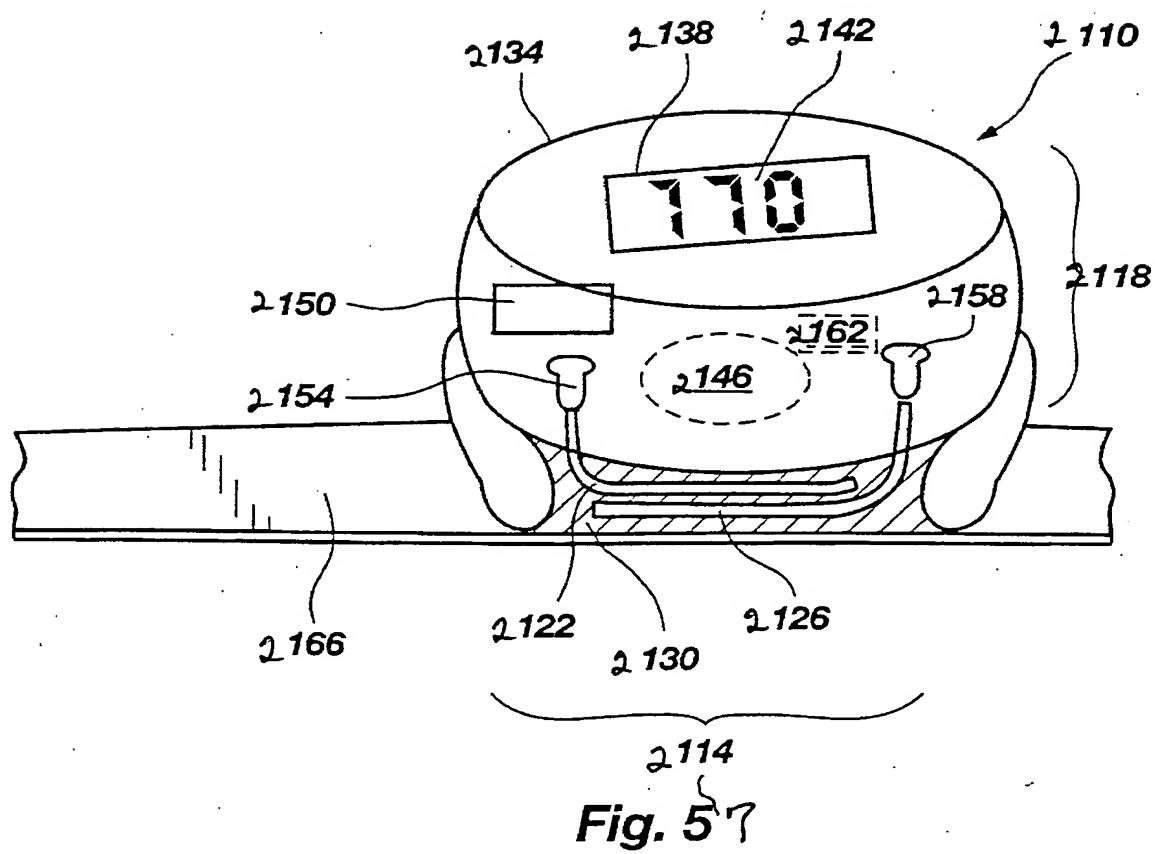


Fig.
56A

Fig.
56B

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Contact: [REDACTED]
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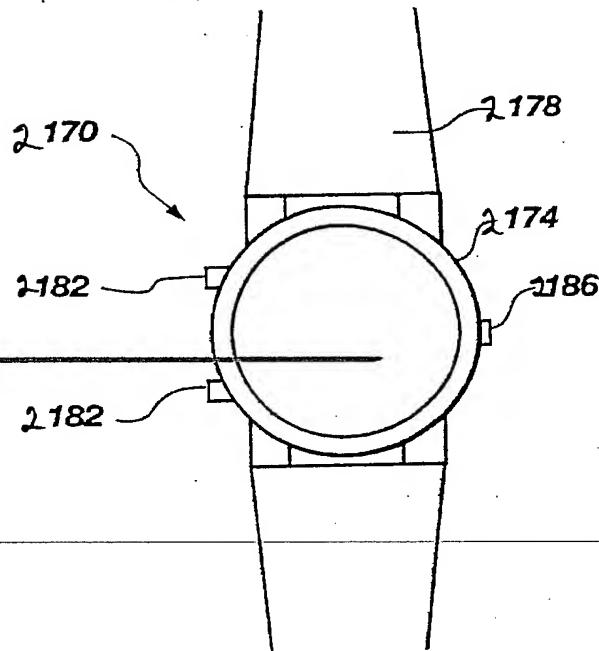


Fig. 58A

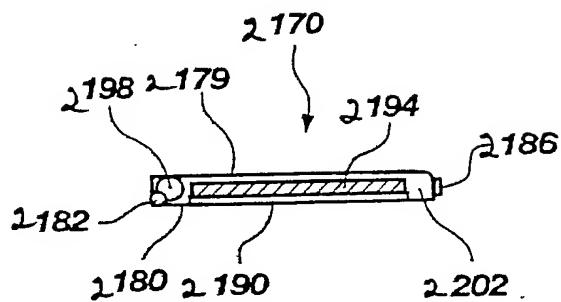


Fig. 58B

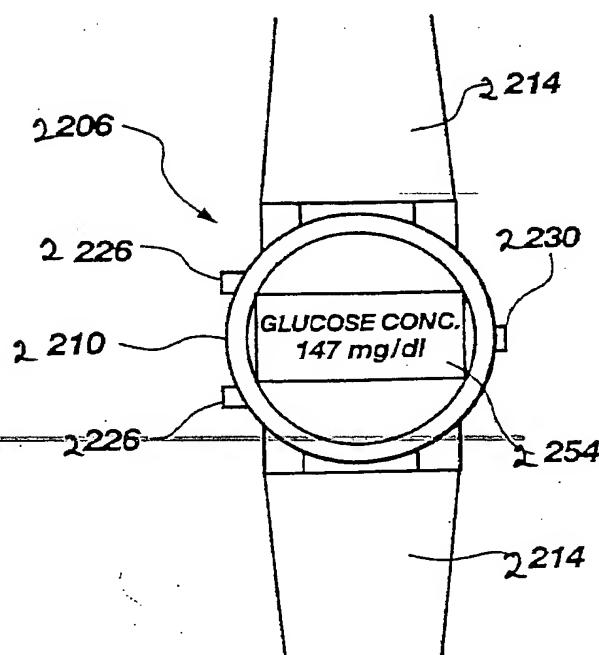


Fig. 59A

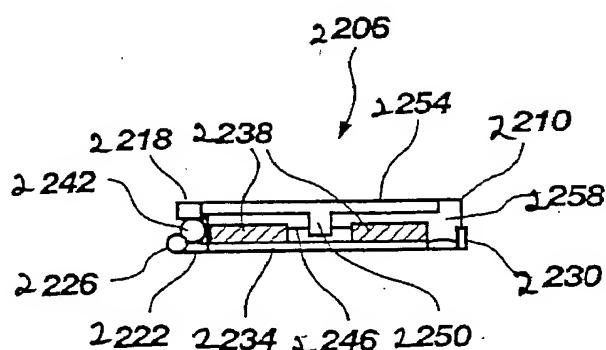


Fig. 59B